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# PUBLIC HEALTH REPORTS.

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VOL. XXV.

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No. 28.

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## UNITED STATES.

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REPORTS TO THE SURGEON-GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

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### PLAQUE-PREVENTION WORK.

#### Infected Ground Squirrels.

The finding of 5 plague-infected ground squirrels in California was reported during the week ended June 25, 1910. They were found as follows: In Contra Costa County, June 1, 1 squirrel; in Merced County, June 3, 1 squirrel; in Santa Clara County, June 4, 2 squirrels; in Santa Cruz County, May 17, 1 squirrel.

Passed Assistant Surgeon McCoy reports:

#### Animals Examined for Plague Infection.

During the week ended June 25, 1910, there were examined at the federal laboratory at San Francisco and the branch laboratories at Oakland and Los Angeles, Cal., 5,691 rodents, as follows: Squirrels, 3,499; rabbits, 18; rats, 2,174. The rats included *Mus norvegicus*, 1,734; *Mus musculus*, 270; *Mus alexandrinus*, 61. Five of the squirrels were found to be infected with plague.

#### Additional Data on Locations of Plague-Infected Squirrels.

The plague-infected squirrel found in Merced County June 6 was found at Near Ranch, 9 miles south of Gustine (sec. 20, T. 9 S., R. 9 E.).<sup>a</sup>

The plague-infected squirrel found in San Joaquin County June 10 was found at Cowell Ranch, Rancho El Pescadero, 1 mile northwest of San Joaquin City (T. 3 S., R. 6 E.).<sup>a</sup>

#### SAN FRANCISCO, CAL.

Last case of human plague sickened January 30, 1908. Last case of rodent plague trapped October 23, 1908. Total number of rats found infected to date, 398.

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<sup>a</sup> See Public Health Reports, July 8, 1910, pp. 952 and 953.

Week ended June 25, 1910. Premises inspected, 2,382. Houses destroyed, 10. Nuisances abated, 183. Poisons placed, 6,040. Rats trapped, 1,932. Rats found dead, 33. Gophers trapped, 15. Squirrels trapped, 1. Rats identified, 1,965, as follows: *Mus norvegicus*, 1,490; *Mus rattus*, 108; *Mus musculus*, 291; *Mus alexandrinus*, 76. Average number of traps set daily, 7,533. Rats examined bacteriologically, 1,428. No plague infection found.

#### BERKELEY, CAL.

There is no record of rodent plague in Berkeley. The last case of human plague sickened August 28, 1907.

Week ended June 25, 1910. Rats trapped, 199. Rats identified, 199, as follows: *Mus norvegicus*, 149; *Mus musculus*, 50. Rats examined bacteriologically, 199. No plague infection found.

#### OAKLAND, CAL.

Last case of human plague sickened October 26, 1909. Last case of rodent plague found December 1, 1908.

Week ended June 25, 1910. Rats found dead, 17. Rats trapped, 659. Rats identified, 676, as follows: *Mus norvegicus*, 545; *Mus rattus*, 1; *Mus musculus*, 129; *Mus alexandrinus*, 1. Rats examined bacteriologically, 547. No plague infection found.

#### ALAMEDA COUNTY, CAL.

Last case of human plague sickened 2 miles southwest of Sunol September 26, 1909. Last case of rodent plague found May 30, 1910. To the present time 81 ground squirrels and 1 wood rat have been found infected.

Week ended June 25, 1910. Ranches inspected, 15. Ground squirrels shot, 58. Ground squirrels found dead, 48. Rabbits shot, 15. Acres covered with poison, 1,075. Examined bacteriologically, 82 ground squirrels and 15 rabbits. No plague infection found.

#### CONTRA COSTA COUNTY, CAL.

Last case of human plague sickened July 21, 1908. Last case of rodent plague found June 1, 1910. Total number of ground squirrels found infected to date, 243.

Week ended June 25, 1910. Ranches inspected, 21. Ground squirrels shot, 97. Ground squirrels examined bacteriologically, 89. One plague-infected squirrel found.

The plague-infected squirrel was found June 1 at Keller's ranch, near Clayton.

#### LOS ANGELES COUNTY, CAL.

The last case of human plague sickened August 11, 1908. The last plague-infected rodent was found August 21, 1908.

Week ended June 25, 1910. Ranches inspected, 32. Ground squirrels shot, 571. Ground squirrels found dead, 9. Ground squirrels examined bacteriologically, 574. No plague-infected squirrels found.

**MERCED COUNTY, CAL.**

There is no record of human plague in Merced County. The last plague-infected rodent was found June 3, 1910.

Week ended June 25, 1910. Ranches inspected, 28. Ground squirrels shot, 263. Weasels shot, 1. Ground squirrels examined bacteriologically, 251. One plague-infected squirrel found.

The plague-infected squirrel was found June 3, at Howard ranch, 8 miles west of Ingomar.

**MONTEREY COUNTY, CAL.**

There is no record of human plague in Monterey County. The last plague-infected rodent was found June 6, 1910. Total number of ground squirrels found infected to date, 4.

Week ended June 25, 1910. Ranches inspected, 22. Ground squirrels shot, 806. Ground squirrels found dead, 7. Ground squirrels examined bacteriologically, 801. No plague-infected squirrels found.

**ORANGE COUNTY, CAL.**

There is no record of human or rodent plague in Orange County.

Week ended June 25, 1910. Ranches inspected, 11. Ground squirrels shot, 193. Ground squirrels found dead, 1. Ground squirrels examined bacteriologically, 194. No plague-infected squirrels found.

**RIVERSIDE COUNTY, CAL.**

There is no record of human or rodent plague in Riverside County.

Week ended June 25, 1910. Ranches inspected, 12. Ground squirrels shot, 53. Ground squirrels found dead, 103. Ground squirrels examined bacteriologically, 150. No plague-infected squirrels found.

**SAN BENITO COUNTY, CAL.**

Last case of human plague sickened June 5, 1910. Last plague-infected rodent found June 5, 1910. Total number of ground squirrels found infected to date, 15.

Week ended June 25, 1910. Ranches inspected, 16. Ground squirrels shot, 467. Ground squirrels examined bacteriologically, 455. No plague-infected squirrels found.

**SAN BERNARDINO COUNTY, CAL.**

There is no record of human or rodent plague in San Bernardino County.

Week ended June 25, 1910. Ranches inspected, 4. Ground squirrels shot, 78. Ground squirrels found dead, 2. Ground squirrels examined bacteriologically, 52. No plague-infected squirrels found.

**SAN JOAQUIN COUNTY, CAL.**

There is no record of human plague in San Joaquin County. The last plague-infected rodent was found June 10, 1910. Total number of ground squirrels found infected to date, 3.

Week ended June 25, 1910. Ranches inspected, 27. Ground squirrels shot, 282. Rabbits shot, 1. Examined bacteriologically, 277 squirrels and 1 rabbit. No plague-infected squirrels found.

**SAN LUIS OBISPO COUNTY, CAL.**

There is no record of human plague in San Luis Obispo County. A plague-infected rodent was found January 29, 1910.

Week ended June 25, 1910. Ranches inspected, 9. Ground squirrels shot, 233. Ground squirrels examined bacteriologically, 218. No plague-infected squirrels found.

**SANTA CLARA COUNTY, CAL.**

There is no record of human plague in Santa Clara County. The last plague-infected rodent was found June 4, 1910. Total number of ground squirrels found infected to date, 21.

Week ended June 25, 1910. Ranches inspected, 9. Ground squirrels shot, 324. Ground squirrels found dead, 1. Ground squirrels examined bacteriologically, 317. Two plague-infected squirrels found.

The plague-infected squirrels were found June 4 at Yerba Buena Ranch, 1 mile north of Coyote (Rancho Yerba Buena y Socayre).

**SANTA CRUZ COUNTY, CAL.**

There is no record of human plague in Santa Cruz County. The last plague-infected squirrel was found May 17, 1910.

Week ended June 25, 1910. No transactions. A plague-infected squirrel was found May 17 at McGrath Ranch, 4 miles northeast of Watsonville.

**STANISLAUS COUNTY, CAL.**

There is no record of human plague in Stanislaus County. The last plague-infected rodent was found May 21, 1910. Total number of plague-infected rodents found to date, 5.

Week ended June 25, 1910. Ranches inspected, 2. Ground squirrels shot, 39. Rabbits shot, 2. Examined bacteriologically, 39 squirrels and 2 rabbits. No plague infection found.

**SMALLPOX IN THE UNITED STATES.****Reports Received During Week Ended July 15, 1910.**

| Place.              | Date.          | Cases. | Deaths. | Remarks.                                        |
|---------------------|----------------|--------|---------|-------------------------------------------------|
| California; general | May 1-31.....  | 17     | .....   | Five additional cases were previously reported. |
| Colorado:           |                |        |         |                                                 |
| Archuleta County    | June 1-30..... | 7      | .....   |                                                 |
| Conejos County      | June 1-30..... | 2      | .....   |                                                 |
| Delta County        | June 1-30..... | 2      | .....   |                                                 |
| Denver County       | June 1-30..... | 9      | .....   |                                                 |
| Huerfano County     | June 1-30..... | 10     | .....   |                                                 |
| Kit Carson County   | June 1-30..... | 4      | .....   |                                                 |
| Larimer County      | June 1-30..... | 1      | .....   |                                                 |
| Las Animas County   | June 1-30..... | 3      | .....   |                                                 |
| Logan County        | June 1-30..... | 1      | .....   |                                                 |
| Mesa County         | June 1-30..... | 1      | .....   |                                                 |
| Montrose County     | June 1-30..... | 5      | .....   |                                                 |
| Otero County        | June 1-30..... | 4      | .....   |                                                 |
| Prowers County      | June 1-30..... | 7      | .....   |                                                 |
| Rio Grande County   | June 1-30..... | 4      | .....   |                                                 |
| Saguache County     | June 1-30..... | 1      | .....   |                                                 |
| San Miguel County   | June 1-30..... | 1      | .....   |                                                 |
| Teller County       | June 1-30..... | 1      | .....   |                                                 |
| Weld County         | June 1-30..... | 5      | .....   |                                                 |
| Connecticut         | June 1-30..... | None.  | None.   |                                                 |

## SMALLPOX IN THE UNITED STATES—Continued.

## Reports Received During Week Ended July 15, 1910—Continued.

| Place.                 | Date.               | Cases. | Deaths. | Remarks. |
|------------------------|---------------------|--------|---------|----------|
| <b>Kansas:</b>         |                     |        |         |          |
| Allen County.....      | May 1-31.....       | 7      | .....   |          |
| Atchison County—       |                     |        |         |          |
| Atchison.....          | May 1-31.....       | 2      | .....   |          |
| Butler County.....     | May 1-31.....       | 4      | .....   |          |
| Cowley County.....     | May 1-31.....       | 9      | .....   |          |
| Decatur County.....    | May 1-31.....       | 3      | .....   |          |
| Dickinson County.....  | May 1-31.....       | 6      | .....   |          |
| Edwards County.....    | May 1-31.....       | 2      | .....   |          |
| Elk County.....        | May 1-31.....       | 2      | .....   |          |
| Graham County.....     | May 1-31.....       | 5      | .....   |          |
| Greenwood County.....  | May 1-31.....       | 43     | .....   |          |
| Harper County.....     | May 1-31.....       | 1      | .....   |          |
| Harvey County.....     | May 1-31.....       | 4      | .....   |          |
| Jewell County.....     | May 1-31.....       | 15     | .....   |          |
| Kearny County.....     | May 1-31.....       | 4      | .....   |          |
| Kingman County.....    | May 1-31.....       | 1      | .....   |          |
| Labette County.....    | May 1-31.....       | 1      | .....   |          |
| Parsons.....           | May 1-31.....       | 7      | .....   |          |
| Lane County.....       | May 1-31.....       | 2      | .....   |          |
| Leavenworth County—    |                     |        |         |          |
| Leavenworth.....       | May 1-31.....       | 1      | .....   |          |
| McPherson County.....  | May 1-31.....       | 10     | .....   |          |
| Miami County.....      | May 1-31.....       | 1      | .....   |          |
| Montgomery County—     |                     |        |         |          |
| Coffeyville.....       | May 1-31.....       | 2      | .....   |          |
| Neosho County.....     | May 1-31.....       | 15     | .....   |          |
| Norton County.....     | May 1-31.....       | 37     | .....   |          |
| Osage County.....      | May 1-31.....       | 1      | .....   |          |
| Osborne County.....    | May 1-31.....       | 26     | .....   |          |
| Philips County.....    | May 1-31.....       | 6      | .....   |          |
| Riley County.....      | May 1-31.....       | 4      | .....   |          |
| Saline County.....     | May 1-31.....       | 13     | .....   |          |
| Scott County.....      | May 1-31.....       | 1      | .....   |          |
| Sedgwick County—       |                     |        |         |          |
| Wichita.....           | May 1-31.....       | 29     | .....   |          |
| Seward County.....     | May 1-31.....       | 2      | .....   |          |
| Sherman County.....    | May 1-31.....       | 1      | .....   |          |
| Sumner County.....     | May 1-31.....       | 4      | .....   |          |
| Thomas County.....     | May 1-31.....       | 1      | 1       |          |
| Wyandotte County—      |                     |        |         |          |
| Kansas City.....       | May 1-31.....       | 14     | .....   |          |
| <b>Kentucky:</b>       |                     |        |         |          |
| Covington.....         | June 26-July 2..... | 1      | .....   |          |
| <b>Louisiana:</b>      |                     |        |         |          |
| New Orleans.....       | June 26-July 2..... | 12     | .....   |          |
| <b>Massachusetts:</b>  |                     |        |         |          |
| Suffolk County.....    | June 1-30.....      | 7      | .....   |          |
| <b>Michigan:</b>       |                     |        |         |          |
| Alcona County.....     | June 1-30.....      | 1      | .....   |          |
| Arenac County.....     | June 1-30.....      | 2      | .....   |          |
| Bay County.....        | June 1-30.....      | 5      | 1       |          |
| Cheboygan County.....  | June 1-30.....      | 15     | .....   |          |
| Clare County.....      | June 1-30.....      | 11     | .....   |          |
| Eaton County.....      | June 1-30.....      | 7      | .....   |          |
| Genesee County.....    | June 1-30.....      | 21     | .....   |          |
| Gratiot County.....    | June 1-30.....      | 2      | .....   |          |
| Houghton County.....   | June 1-30.....      | 3      | .....   |          |
| Huron County.....      | June 1-30.....      | 11     | .....   |          |
| Ingham County.....     | June 1-30.....      | 2      | .....   |          |
| Ionia County.....      | June 1-30.....      | 5      | .....   |          |
| Isabella County.....   | June 1-30.....      | 2      | .....   |          |
| Kalamazoo County.....  | June 1-30.....      | 4      | .....   |          |
| Kent County.....       | June 1-30.....      | 17     | .....   |          |
| Lapeer County.....     | June 1-30.....      | 12     | .....   |          |
| Livingston County..... | June 1-30.....      | 17     | .....   |          |
| Manistee County.....   | June 1-30.....      | 8      | .....   |          |
| Marquette County.....  | June 1-30.....      | 1      | .....   |          |
| Mason County.....      | June 1-30.....      | 9      | .....   |          |
| Mecosta County.....    | June 1-30.....      | 6      | .....   |          |
| Midland County.....    | June 1-30.....      | 9      | .....   |          |
| Missaukee County.....  | June 1-30.....      | 10     | .....   |          |
| Monroe County.....     | June 1-30.....      | 2      | .....   |          |
| Muskegon County.....   | June 1-30.....      | 2      | .....   |          |
| Newaygo County.....    | June 1-30.....      | 2      | .....   |          |
| Oscela County.....     | June 1-30.....      | 1      | .....   |          |
| Ottawa County.....     | June 1-30.....      | 1      | .....   |          |
| Roscommon County.....  | June 1-30.....      | 4      | .....   |          |
| Saginaw County.....    | June 1-30.....      | 30     | .....   |          |
| St. Clair County.....  | June 1-30.....      | 28     | .....   |          |

## SMALLPOX IN THE UNITED STATES—Continued.

## Reports Received During Week Ended July 15, 1910—Continued.

| Place.                  | Date.               | Cases. | Deaths. | Remarks. |
|-------------------------|---------------------|--------|---------|----------|
| Michigan—Continued.     |                     |        |         |          |
| Sanilac County.....     | June 1-30.....      | 2      | .....   |          |
| Shiawassee County.....  | June 1-30.....      | 42     | .....   |          |
| Tuscola County.....     | June 1-30.....      | 8      | .....   |          |
| Wayne County.....       | June 1-30.....      | 10     | .....   |          |
| Missouri:               |                     |        |         |          |
| Savannah .....          | June 26-July 2..... | 5      | .....   |          |
| Nebraska:               |                     |        |         |          |
| South Omaha.....        | June 1-30.....      | 3      | .....   |          |
| North Dakota:           |                     |        |         |          |
| Cass County.....        | June 1-30.....      | 2      | .....   |          |
| Cavalier County.....    | June 1-30.....      | 1      | .....   |          |
| Grand Forks County..... | June 1-30.....      | 4      | .....   |          |
| Logan County.....       | June 1-30.....      | 1      | .....   |          |
| McKenzie County.....    | June 1-30.....      | 1      | .....   |          |
| Pierce County.....      | June 1-30.....      | 1      | .....   |          |
| Trall County.....       | June 1-30.....      | 6      | .....   |          |
| Ward County.....        | June 1-30.....      | 4      | .....   |          |
| South Carolina:         |                     |        |         |          |
| Charleston.....         | June 1-30.....      | 16     | .....   |          |
| Tennessee:              |                     |        |         |          |
| Chattanooga.....        | June 26-July 2..... | 1      | .....   |          |
| Knoxville.....          | June 26-July 2..... | 1      | .....   |          |
| Memphis.....            | June 26-July 2..... | 3      | .....   |          |
| Wisconsin:              |                     |        |         |          |
| Ashland County.....     | June 1-30.....      | 13     | .....   |          |
| Barron County.....      | June 1-30.....      | 1      | .....   |          |
| Douglas County.....     | June 1-30.....      | 2      | .....   |          |
| Eau Claire County.....  | June 1-30.....      | 3      | .....   |          |
| Florence County.....    | June 1-30.....      | 4      | .....   |          |
| La Fayette County.....  | June 1-30.....      | 1      | .....   |          |
| La Crosse County.....   | June 1-30.....      | 2      | .....   |          |
| Rusk County.....        | June 1-30.....      | 1      | .....   |          |
| Sawyer County.....      | June 1-30.....      | 8      | .....   |          |
| Waupaca County.....     | June 1-30.....      | 2      | .....   |          |

## Reports Received from June 25 to July 8, 1910.

[For reports received from January 1, 1910, to June 24, 1910, see Public Health Reports for June 24, 1910. In accordance with custom the tables of epidemic diseases are terminated semiannually and new tables begun.]

| Place.                | Date.           | Cases. | Deaths. | Remarks. |
|-----------------------|-----------------|--------|---------|----------|
| Alabama:              |                 |        |         |          |
| Birmingham.....       | June 12-18..... | 2      | .....   |          |
| Mobile.....           | June 12-18..... | 8      | .....   |          |
| Montgomery.....       | June 12-25..... | 6      | .....   |          |
| Total for State.....  |                 | 16     | .....   |          |
| Arkansas:             |                 |        |         |          |
| Fort Smith.....       | June 19-25..... | 1      | .....   |          |
| Total for State.....  |                 | 1      | .....   |          |
| Florida:              |                 |        |         |          |
| Duval County.....     | June 19-25..... | 2      | .....   |          |
| Jackson County.....   | June 19-25..... | 2      | .....   |          |
| Walton County.....    | June 12-18..... | 1      | .....   |          |
| Total for State.....  |                 | 5      | .....   |          |
| Kansas:               |                 |        |         |          |
| Atchison County—      |                 |        |         |          |
| Atchison.....         | Apr. 1-30.....  | 5      | .....   |          |
| Butler County.....    | Apr. 1-30.....  | 2      | .....   |          |
| Cowley County.....    | Apr. 1-30.....  | 1      | .....   |          |
| Decatur County.....   | Apr. 1-30.....  | 1      | .....   |          |
| Doniphan County.....  | Apr. 1-30.....  | 10     | .....   |          |
| Edwards County.....   | Apr. 1-30.....  | 1      | .....   |          |
| Ellsworth County..... | Apr. 1-30.....  | 1      | .....   |          |
| Finney County.....    | Apr. 1-30.....  | 2      | .....   |          |
| Graham County.....    | Apr. 1-30.....  | 1      | .....   |          |
| Greenwood County..... | Apr. 1-30.....  | 3      | .....   |          |

July 15, 1910

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to July 8, 1910—Continued.

| Place.                      | Date.              | Cases.     | Deaths.  | Remarks. |
|-----------------------------|--------------------|------------|----------|----------|
| <b>Kansas—Continued.</b>    |                    |            |          |          |
| Harvey County.....          | Apr. 1-30.....     | 1          | .....    |          |
| Kearny County.....          | Apr. 1-30.....     | 1          | .....    |          |
| Kingman County.....         | Apr. 1-30.....     | 2          | .....    |          |
| Labette County—             |                    |            |          |          |
| Parsons.....                | Apr. 1-30.....     | 8          | .....    |          |
| Leavenworth County.....     | Apr. 1-30.....     | 1          | .....    |          |
| Miami County.....           | Apr. 1-30.....     | 1          | .....    |          |
| Montgomery County.....      | Apr. 1-30.....     | 27         | 1        |          |
| Coffeyville.....            | Apr. 1-30.....     | 7          | .....    |          |
| Norton County.....          | Apr. 1-30.....     | 3          | .....    |          |
| Osage County.....           | Apr. 1-30.....     | 5          | .....    |          |
| Osborne County.....         | Apr. 1-30.....     | 1          | .....    |          |
| Pawnee County.....          | Apr. 1-30.....     | 3          | .....    |          |
| Reno County.....            | Apr. 1-30.....     | 15         | .....    |          |
| Riley County.....           | Apr. 1-30.....     | 1          | .....    |          |
| Rush County.....            | Apr. 1-30.....     | 3          | .....    |          |
| Saline County.....          | Apr. 1-30.....     | 3          | .....    |          |
| Scott County.....           | Apr. 1-30.....     | 4          | .....    |          |
| Sedgwick County—            |                    |            |          |          |
| Wichita.....                | Apr. 1-30.....     | 3          | .....    |          |
| Sheridan County.....        | Apr. 1-30.....     | 6          | .....    |          |
| Thomas County.....          | Apr. 1-30.....     | 1          | .....    |          |
| Wyandotte County.....       | Apr. 1-30.....     | 4          | .....    |          |
| Kansas City.....            | Apr. 1-30.....     | 20         | .....    |          |
| <b>Total for State.....</b> |                    | <b>148</b> | <b>1</b> |          |
| <b>Louisiana:</b>           |                    |            |          |          |
| New Orleans.....            | June 12-18.....    | 20         | .....    |          |
| <b>Total for State.....</b> |                    | <b>20</b>  |          |          |
| <b>Maine:</b>               |                    |            |          |          |
| Biddeford.....              | May 1-31.....      | 1          | .....    |          |
| <b>Total for State.....</b> |                    | <b>1</b>   |          |          |
| <b>Maryland:</b>            |                    |            |          |          |
| Allegany County—            |                    |            |          |          |
| Cumberland.....             | May 1-31.....      | 1          | .....    |          |
| <b>Total for State.....</b> |                    | <b>1</b>   |          |          |
| <b>Missouri:</b>            |                    |            |          |          |
| Kansas City.....            | May 15-31.....     | 13         | .....    |          |
| St. Louis.....              | June 12-25.....    | 8          | .....    |          |
| <b>Total for State.....</b> |                    | <b>21</b>  |          |          |
| <b>Nebraska:</b>            |                    |            |          |          |
| Lincoln.....                | Apr. 1-30.....     | 10         | .....    |          |
|                             | May 1-31.....      | 13         | .....    |          |
| <b>Total for State.....</b> |                    | <b>23</b>  |          |          |
| <b>New York:</b>            |                    |            |          |          |
| Erie County—                |                    |            |          |          |
| Buffalo.....                | May 1-31.....      | 1          | .....    |          |
| Tonawanda Township.....     | May 1-31.....      | 2          | .....    |          |
| Niagara County—             |                    |            |          |          |
| Niagara Falls.....          | May 1-31.....      | 1          | .....    |          |
| North Tonawanda.....        | May 1-31.....      | 1          | .....    |          |
| St. Lawrence County.....    | May 1-31.....      | 19         | .....    |          |
| Schenectady County.....     | May 1-31.....      | 2          | .....    |          |
| <b>Total for State.....</b> |                    | <b>26</b>  |          |          |
| <b>North Carolina:</b>      |                    |            |          |          |
| Forsyth County.....         | Feb. 1-28.....     | .....      | 1        |          |
| Rowan County.....           | Feb. 1-28.....     | .....      | 1        |          |
| Alamance County.....        | Mar. 1-May 31..... | 36         | .....    |          |
| Alexander County.....       | Mar. 1-May 31..... | 48         | .....    |          |
| Anson County.....           | Apr. 1-May 31..... | 2          | .....    |          |
| Ashe County.....            | Mar. 1-31.....     | 12         | .....    |          |
| Beaufort County.....        | Mar. 1-31.....     | 4          | .....    |          |
| Bladen County.....          | Apr. 1-May 31..... | 16         | .....    |          |
| Cabarrus County.....        | Mar. 1-May 31..... | 12         | .....    |          |
| Caldwell County.....        | Mar. 1-May 31..... | 9          | 1        |          |
| Catawba County.....         | Mar. 1-May 31..... | 38         | .....    |          |

## SMALLPOX IN THE UNITED STATES—Continued.

## Reports Received from June 25 to July 8, 1910—Continued.

| Place.                    | Date.          | Cases. | Deaths. | Remarks.          |
|---------------------------|----------------|--------|---------|-------------------|
| North Carolina—Continued. |                |        |         |                   |
| Chatham County            | Mar. 1-Apr. 30 | 3      |         |                   |
| Chowan County             | Mar. 1-31      | 3      |         |                   |
| Columbus County           | Apr. 1-May 31  | 23     |         |                   |
| Craven County             | Mar. 1-31      | 1      |         |                   |
| Currituck County          | Mar. 1-May 31  | 17     |         |                   |
| Davidson County           | Mar. 1-31      | 2      |         |                   |
| Davie County              | Mar. 1-31      | 8      |         |                   |
| Durham County             | Mar. 1-May 31  | 18     |         |                   |
| Forsyth County            | Mar. 1-May 31  | 17     |         |                   |
| Franklin County           | Mar. 1-31      | 5      |         |                   |
| Gaston County             | Mar. 1-May 31  | 12     | 2       |                   |
| Graham County             | Mar. 1-Apr. 30 | 8      |         |                   |
| Greene County             | Mar. 1-Apr. 30 | 19     |         |                   |
| Guilford County           | Mar. 1-May 31  | 44     |         |                   |
| Halifax County            | Mar. 1-31      | 40     |         |                   |
| Henderson County          | May 1-31       | 4      |         |                   |
| Hertford County           | Mar. 1-31      | 1      |         |                   |
| Iredell County            | May 1-31       |        |         | Several.          |
| Johnston County           | Apr. 1-May 31  | 4      |         | Several in March. |
| Jones County              | Mar. 1-31      | 1      |         |                   |
| Lee County                | Mar. 1-31      | 5      |         |                   |
| Lenoir County             | Mar. 1-May 31  | 11     |         |                   |
| Lincoln County            | Mar. 1-May 31  | 2      |         |                   |
| Madison County            | Apr. 1-30      | 5      |         |                   |
| Martin County             | Apr. 1-May 31  | 4      |         |                   |
| Mecklenburg County        | Mar. 1-May 31  | 15     |         |                   |
| Montgomery County         | Mar. 1-May 31  | 47     |         |                   |
| Nash County               | Mar. 1-May 31  | 50     |         |                   |
| New Hanover County        | Mar. 1-May 31  | 12     |         |                   |
| Onslow County             | Mar. 1-May 31  | 5      |         |                   |
| Orange County             | Mar. 1-May 31  | 32     |         |                   |
| Pamlico County            | Mar. 1-31      | 2      |         |                   |
| Perquimans County         | May 1-31       | 1      |         |                   |
| Person County             | May 1-31       | 1      |         |                   |
| Pitt County               | Mar. 1-May 31  | 23     |         |                   |
| Polk County               | Mar. 1-31      | 7      |         |                   |
| Richmond County           | Apr. 1-30      | 2      |         |                   |
| Robeson County            | Apr. 1-May 31  | 3      |         |                   |
| Rockingham County         | Mar. 1-31      | 48     |         |                   |
| Rowan County              | Mar. 1-May 31  | 32     | 1       |                   |
| Sampson County            | May 1-31       | 2      |         |                   |
| Scotland County           | May 1-31       | 5      |         |                   |
| Stanly County             | Apr. 1-May 31  | 20     |         |                   |
| Stokes County             | Mar. 1-31      | 64     |         |                   |
| Surry County              | Mar. 1-31      | 4      |         |                   |
| Union County              | Mar. 1-May 31  | 25     |         |                   |
| Vance County              | Apr. 1-30      | 4      |         |                   |
| Wake County               | Apr. 1-May 31  | 22     |         |                   |
| Warren County             | Apr. 1-30      | 20     |         |                   |
| Washington County         | Mar. 1-Apr. 30 | 4      |         |                   |
| Watauga County            | Apr. 1-May 31  | 20     |         |                   |
| Wayne County              | Apr. 1-May 31  | 6      |         |                   |
| Wilkes County             | Mar. 1-May 31  | 35     |         |                   |
| Wilson County             | Mar. 1-May 31  | 24     | 1       |                   |
| Yancey County             | Mar. 1-31      | 26     |         |                   |
| Total for State           |                | 995    | 7       |                   |
| Pennsylvania, general     | Apr. 1-30      |        | 2       |                   |
|                           | May 1-31       | 22     |         |                   |
| Total for State           |                | 22     | 2       |                   |
| Tennessee:                |                |        |         |                   |
| Davidson County—          |                |        |         |                   |
| Nashville                 | June 12-18     | 1      |         |                   |
| Hamilton County—          |                |        |         |                   |
| Chattanooga               | June 12-25     | 2      |         |                   |
| Knox County—              |                |        |         |                   |
| Knoxville                 | June 12-27     | 3      |         |                   |
| Shelby County—            |                |        |         |                   |
| Memphis                   | June 12-25     | 3      |         |                   |
| Total for State           |                | 9      |         |                   |
| Texas, general            | Apr. 1-31      |        | 2       |                   |
| San Antonio               | May 1-31       | 5      |         |                   |
| Total for State           |                | 5      | 2       |                   |

## SMALLPOX IN THE UNITED STATES—Continued.

## Reports Received from June 25 to July 8, 1910—Continued.

| Place.                            | Date.      | Cases. | Deaths. | Remarks. |
|-----------------------------------|------------|--------|---------|----------|
| Utah:                             |            |        |         |          |
| Boxelder County                   | May 1-31   | 1      |         |          |
| Cache County                      | May 1-31   | 6      |         |          |
| Davis County                      | May 1-31   | 17     |         |          |
| Salt Lake County                  | May 1-31   | 21     |         |          |
| Utah County                       | May 1-31   | 1      |         |          |
| Weber County                      | May 1-31   | 18     |         |          |
| Total for State                   |            | 64     |         |          |
| Virginia:                         |            |        |         |          |
| Lynchburg                         | June 12-18 | 1      |         |          |
| Total for State                   |            | 1      |         |          |
| Grand total for the United States |            | 1,358  | 12      |          |

## PLAQUE IN THE UNITED STATES.

## Reports Received from June 25 to July 8, 1910.

| Place.                          | Date.     | Cases. | Deaths. | Remarks. |
|---------------------------------|-----------|--------|---------|----------|
| California:                     |           |        |         |          |
| San Benito County—<br>Hollister | June 5-11 | 1      | 1       |          |

## MORBIDITY AND MORTALITY.

## WEEKLY MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES.

[For smallpox and plague see special tables.]

| Cities.            | Week ended— | Estimated population, 1910. | Total deaths from all causes. | Tuber-cu-losis. |         | Ty-phi-oid fever. |         | Scarlet fever. |         | Diph-theria. |         | Measles. |         | Whoop-ing cough. |         |
|--------------------|-------------|-----------------------------|-------------------------------|-----------------|---------|-------------------|---------|----------------|---------|--------------|---------|----------|---------|------------------|---------|
|                    |             |                             |                               | Cases.          | Deaths. | Cases.            | Deaths. | Cases.         | Deaths. | Cases.       | Deaths. | Cases.   | Deaths. | Cases.           | Deaths. |
| Altoona, Pa.       | July 2      | 51,782                      | 10                            | 1               |         |                   |         |                |         | 4            | 1       |          |         |                  |         |
| Ashtabula, Ohio    | June 25     | 17,060                      | 12                            | 2               |         |                   |         |                |         |              |         |          |         |                  |         |
| Baltimore, Md.     | July 2      | 583,475                     | 202                           | 40              | 25      | 12                | 3       | 16             | 1       | 3            |         | 19       | 1       | 6                | 1       |
| Bayonne, N. J.     | do          | 51,802                      | 3                             |                 |         | 5                 |         |                |         | 1            |         | 6        |         | 1                |         |
| Beaver Falls, Pa.  | do          | 10,373                      |                               |                 |         |                   |         |                |         | 1            |         | 1        |         |                  |         |
| Biddeford, Me.     | do          | 17,847                      | 10                            |                 |         | 2                 |         |                |         | 2            |         |          |         |                  |         |
| Binghamton, N. Y.  | do          | 46,545                      | 12                            | 2               |         | 1                 |         |                |         | 2            |         |          | 2       |                  | 2       |
| Birmingham, Ala.   | do          | 55,945                      | 48                            | 2               | 7       | 10                | 1       | 2              | 1       | 1            |         | 20       |         | 4                |         |
| Boston, Mass.      | do          | 629,868                     | 188                           | 106             | 18      | 4                 | 1       | 20             | 1       | 29           | 1       | 129      | 2       | 7                |         |
| Boulder, Colo.     | June 25     |                             | 2                             |                 |         |                   |         | 1              |         |              |         | 3        |         |                  |         |
| Do.                | July 2      |                             | 2                             | 1               |         |                   |         |                |         |              |         | 3        |         |                  |         |
| Bridgeport, Conn.  | do          | 93,126                      | 26                            | 1               |         |                   |         |                |         | 3            |         | 1        |         | 2                |         |
| Brockton, Mass.    | do          | 55,525                      | 13                            | 5               | 1       | 1                 |         | 2              | 1       | 7            |         | 2        |         |                  |         |
| Butte, Mont.       | do          | 51,825                      | 12                            |                 | 2       |                   |         | 15             | 1       | 7            | 1       | 21       |         |                  |         |
| Butler, Pa.        | June 18     | 12,972                      | 7                             | 3               | 1       |                   |         | 1              |         |              |         | 7        |         |                  |         |
| Do.                | July 2      |                             | 12                            | 2               |         |                   |         |                |         |              |         | 1        |         |                  |         |
| Do.                | June 25     |                             | 6                             | 3               |         |                   |         | 4              | 1       |              |         | 9        |         |                  |         |
| Canton, Ohio       | July 2      | 40,570                      | 8                             |                 |         |                   |         |                |         |              |         |          |         |                  |         |
| Cambridge, Mass.   | do          | 102,982                     | 20                            | 3               | 3       |                   |         |                |         | 5            |         | 5        |         |                  |         |
| Cambridge, Ohio    | do          | 12,121                      |                               |                 |         |                   |         |                |         |              |         |          |         |                  |         |
| Camden, N. J.      | do          | 90,791                      |                               | 1               |         |                   |         | 2              |         | 3            |         |          |         |                  |         |
| Carbondale, Pa.    | do          | 15,939                      | 2                             |                 |         |                   |         |                |         |              |         |          |         |                  |         |
| Carlisle, Pa.      | June 25     |                             | 1                             |                 |         |                   |         | 1              |         |              |         |          |         |                  |         |
| Charlotte, N. C.   | July 2      | 36,320                      | 9                             | 3               | 8       |                   |         |                |         |              |         |          | 1       |                  |         |
| Chattanooga, Tenn. | June 25     | 34,773                      |                               | 4               | 1       |                   |         |                |         |              |         |          |         |                  |         |
| Do.                | July 2      |                             |                               | 3               |         |                   |         | 1              |         |              |         |          |         |                  |         |

## MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States—Continued.

| Cities.             | Week ended— | Estimated population, 1909. | Total deaths from all causes. | Tuber-cu-losis. |         | Ty-phi-od fever. |         | Scarlet fever. |         | Diph-theria. |         | Measles. |         | Whoop-ing cough. |         |
|---------------------|-------------|-----------------------------|-------------------------------|-----------------|---------|------------------|---------|----------------|---------|--------------|---------|----------|---------|------------------|---------|
|                     |             |                             |                               | Cases.          | Deaths. | Cases.           | Deaths. | Cases.         | Deaths. | Cases.       | Deaths. | Cases.   | Deaths. | Cases.           | Deaths. |
| Chelsea, Mass.      | July 2      | 40,506                      | 12                            | 2               | 1       | 7                | 96      | 7              | 112     | 15           | 294     | 12       | 1       | 3                |         |
| Chicago, Ill.       | do          | 2,282,927                   | 586                           | 131             | 85      | 11               | 7       | 1              | 1       | 2            | 2       | 2        | 1       | 1                |         |
| Chicopee, Mass.     | do          | 21,225                      | 9                             | 2               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Cincinnati, Ohio.   | do          | 353,108                     | 106                           | 31              | 2       | 2                | 9       | 4              | 4       | 20           | 20      | 2        | 2       | 2                |         |
| Cleveland, Ohio.    | July 1      | 522,475                     | 166                           | 34              | 15      | 3                | 1       | 18             | 1       | 8            | 3       | 33       | 2       | 14               |         |
| Columbus, Ga.       | July 2      | 17,925                      | 10                            | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Columbus, Ohio.     | do          | 158,649                     | 63                            | 7               | 7       | 1                | 1       | 2              | 1       | 1            | 1       | 18       | 2       | 2                |         |
| Concord, N. H.      | June 25     | 22,260                      | 6                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Covington, Ky.      | July 2      | 52,325                      | 19                            | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 8        | 1       | 1                |         |
| Dayton, Ohio.       | do          | 111,889                     | 30                            | 2               | 2       | 1                | 1       | 4              | 1       | 1            | 1       | 13       | 1       | 2                |         |
| Detroit, Mich.      | do          | 393,536                     | 158                           | 3               | 13      | 1                | 9       | 1              | 1       | 1            | 1       | 10       | 1       | 1                |         |
| Duluth, Minn.       | June 25     | 76,915                      | 22                            | 3               | 1       | 1                | 12      | 1              | 1       | 1            | 1       | 8        | 1       | 1                |         |
| Do.                 | July 2      | 20                          | 4                             | 3               | 1       | 1                | 12      | 1              | 1       | 1            | 1       | 8        | 1       | 1                |         |
| Dunkirk, N. Y.      | do          | 18,778                      | 4                             | 2               | 2       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Elizabeth, N. J.    | do          | 69,154                      | 19                            | 3               | 3       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Elmira, N. Y.       | do          | 35,776                      | 10                            | 28              | 1       | 1                | 1       | 1              | 3       | 1            | 1       | 1        | 1       | 1                |         |
| El Paso, Tex.       | June 25     | 23,565                      | 24                            | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 9       | 2        | 1       | 4                |         |
| Do.                 | July 2      | 28                          | 1                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 2       | 1        | 1       | 3                |         |
| Elyria, Ohio.       | June 18     | 11,971                      | 2                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 19      | 1        | 1       | 3                |         |
| Do.                 | June 25     | 5                           | 1                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 7       | 1        | 1       | 1                |         |
| Erie, Pa.           | July 2      | 64,862                      | 13                            | 5               | 1       | 1                | 1       | 6              | 1       | 1            | 2       | 1        | 1       | 1                |         |
| Evansville, Ind.    | do          | 67,782                      | 19                            | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 50      | 1        | 1       | 1                |         |
| Everett, Mass.      | do          | 33,886                      | 4                             | 1               | 1       | 1                | 1       | 1              | 2       | 1            | 2       | 1        | 2       | 1                |         |
| Fall River, Mass.   | do          | 106,661                     | 63                            | 4               | 5       | 2                | 2       | 1              | 1       | 1            | 12      | 2        | 1       | 1                |         |
| Fort Smith, Ark.    | June 11     | 25,003                      | 10                            | 1               | 1       | 1                | 6       | 1              | 1       | 1            | 21      | 1        | 1       | 1                |         |
| Do.                 | June 18     | 16                          | 1                             | 1               | 1       | 1                | 4       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Freeport, Ill.      | July 2      | 22,687                      | 6                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Galesburg, Ill.     | do          | 21,950                      | 9                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Gloucester, Mass.   | June 25     | 25,501                      | 7                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Grand Rapids, Mich. | June 25     | 107,948                     | 36                            | 2               | 3       | 3                | 3       | 8              | 1       | 1            | 23      | 1        | 1       | 1                |         |
| Do.                 | July 2      | 29                          | 1                             | 2               | 2       | 1                | 7       | 1              | 1       | 1            | 21      | 1        | 1       | 1                |         |
| Greensboro, N. C.   | June 25     | 16,753                      | 7                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Do.                 | July 2      | 6                           | 1                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Harrison, N. J.     | June 25     | 15,050                      | 5                             | 1               | 1       | 1                | 1       | 1              | 1       | 2            | 1       | 1        | 1       | 1                |         |
| Do.                 | July 2      | 7                           | 1                             | 1               | 1       | 1                | 1       | 1              | 1       | 2            | 1       | 1        | 1       | 1                |         |
| Hartford, Conn.     | do          | 106,470                     | 30                            | 5               | 1       | 1                | 1       | 5              | 3       | 1            | 8       | 1        | 1       | 1                |         |
| Haverhill, Mass.    | June 25     | 38,485                      | 13                            | 2               | 1       | 1                | 1       | 2              | 2       | 1            | 17      | 1        | 1       | 1                |         |
| Do.                 | July 2      | 2                           | 1                             | 2               | 2       | 1                | 2       | 2              | 1       | 1            | 6       | 2        | 1       | 4                |         |
| Hoboken, N. J.      | May 25      | 71,572                      | 1                             | 1               | 1       | 1                | 1       | 6              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Do.                 | July 2      | 10                          | 2                             | 2               | 2       | 1                | 7       | 1              | 1       | 1            | 2       | 1        | 1       | 1                |         |
| Homestead, Pa.      | June 21     | 17,630                      | 12                            | 1               | 1       | 1                | 1       | 3              | 1       | 1            | 3       | 1        | 1       | 1                |         |
| Do.                 | June 28     | 8                           | 1                             | 1               | 1       | 1                | 3       | 1              | 1       | 1            | 3       | 1        | 1       | 1                |         |
| Hyde Park, Mass.    | June 25     | 15,776                      | 2                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Do.                 | July 2      | 5                           | 1                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 3        | 1       | 1                |         |
| Indianapolis, Ind.  | June 11     | 249,124                     | 85                            | 9               | 15      | 5                | 5       | 6              | 1       | 1            | 93      | 26       | 1       | 1                |         |
| Do.                 | June 18     | 85                          | 9                             | 2               | 2       | 2                | 2       | 8              | 3       | 1            | 88      | 1        | 32      | 1                |         |
| Jacksonville, Fla.  | June 25     | 95                          | 7                             | 6               | 2       | 2                | 2       | 2              | 2       | 2            | 73      | 56       | 4       | 4                |         |
| Jersey City, N. J.  | July 2      | 42,173                      | 26                            | 1               | 10      | 1                | 1       | 14             | 7       | 17           | 1       | 1        | 1       | 1                |         |
| Do.                 | June 25     | 258,965                     | 82                            | 5               | 1       | 20               | 13      | 3              | 38      | 1            | 1       | 1        | 1       | 1                |         |
| Johnstown, Pa.      | July 2      | 66                          | 1                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Do.                 | do          | 47,745                      | 17                            | 2               | 2       | 2                | 1       | 1              | 1       | 1            | 19      | 5        | 1       | 1                |         |
| Kalamazoo, Mich.    | June 25     | 37,849                      | 19                            | 6               | 1       | 3                | 1       | 3              | 1       | 2            | 22      | 1        | 1       | 1                |         |
| Do.                 | July 2      | 16                          | 1                             | 1               | 1       | 1                | 5       | 1              | 1       | 2            | 24      | 1        | 1       | 1                |         |
| Kansas City, Kans.  | June 25     | 81,032                      | 14                            | 1               | 2       | 1                | 4       | 1              | 1       | 1            | 15      | 3        | 1       | 1                |         |
| Do.                 | July 2      | 24                          | 2                             | 2               | 5       | 1                | 4       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Kearny, N. J.       | June 25     | 16,306                      | 9                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Do.                 | July 2      | 10                          | 1                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Kingston, N. Y.     | June 25     | 26,285                      | 10                            | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Do.                 | July 2      | 10                          | 2                             | 2               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Knoxville, Tenn.    | June 27     | 38,328                      | 15                            | 4               | 1       | 1                | 1       | 1              | 1       | 1            | 2       | 1        | 1       | 1                |         |
| Do.                 | July 2      | 11                          | 1                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| La Crosse, Wis.     | do          | 29,261                      | 8                             | 1               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| La Fayette, Ind.    | do          | 19,989                      | 9                             | 1               | 1       | 1                | 1       | 4              | 1       | 4            | 2       | 1        | 1       | 1                |         |
| Do.                 | June 25     | 29                          | 5                             | 2               | 1       | 1                | 4       | 1              | 4       | 1            | 2       | 1        | 1       | 1                |         |
| Lexington, Ky.      | do          | 31,171                      | 19                            | 1               | 2       | 1                | 1       | 11             | 1       | 6            | 5       | 6        | 5       | 5                |         |
| Los Angeles, Cal.   | June 25     | 69                          | 9                             | 9               | 6       | 1                | 1       | 9              | 2       | 1            | 5       | 3        | 2       | 3                |         |
| Lowell, Mass.       | July 2      | 95,109                      | 45                            | 5               | 1       | 1                | 1       | 1              | 1       | 1            | 1       | 1        | 1       | 1                |         |
| Lynchburg, Va.      | do          | 30,064                      | 113                           | 2               | 6       | 1                | 1       | 1              | 1       | 1            | 1       | 5        | 1       | 1                |         |
| Lynn, Mass.         | June 25     | 85,571                      | 31                            | 3               | 1       | 1                | 1       | 2              | 1       | 7            | 1       | 42       | 1       | 1                |         |
| Do.                 | July 2      | 12                          | 5                             | 1               | 1       | 1                | 2       | 1              | 1       | 1            | 58      | 1        | 1       | 1                |         |

## MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States—Continued.

| Cities.              | Week ended— | Estimated population, 1909. | Total deaths from all causes. | Tuber-cu-losis. |         | Ty-phoid fever. |         | Scarlet fever. |         | Diph-theria. |         | Measles. |         | Whoop-ing cough. |         |
|----------------------|-------------|-----------------------------|-------------------------------|-----------------|---------|-----------------|---------|----------------|---------|--------------|---------|----------|---------|------------------|---------|
|                      |             |                             |                               | Cases.          | Deaths. | Cases.          | Deaths. | Cases.         | Deaths. | Cases.       | Deaths. | Cases.   | Deaths. | Cases.           | Deaths. |
| Malden, Mass.        | June 25     | 42,410                      | 10                            | 2               | 2       | —               | —       | 12             | —       | 2            | —       | 20       | —       | —                | —       |
| Do.                  | July 2      | —                           | 12                            | —               | —       | 1               | —       | 4              | —       | 2            | —       | 1        | —       | —                | —       |
| Manchester, N. H.    | do.         | 69,848                      | —                             | —               | —       | 2               | —       | —              | —       | —            | —       | 97       | —       | 1                | —       |
| Manistee, Mich.      | do.         | 10,400                      | 1                             | —               | —       | 1               | —       | 1              | —       | —            | —       | 8        | —       | —                | —       |
| Mansfield, Ohio      | do.         | 21,807                      | —                             | —               | —       | 2               | 1       | 1              | —       | —            | —       | —        | —       | —                | —       |
| Marinette, Wis.      | do.         | 14,513                      | 2                             | —               | —       | —               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Marlboro, Mass.      | June 25     | 14,537                      | 4                             | —               | —       | —               | —       | 1              | —       | —            | —       | —        | —       | —                | —       |
| Do.                  | July 2      | —                           | 5                             | —               | —       | —               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Massillon, Ohio      | do.         | 13,796                      | 2                             | —               | —       | —               | —       | 1              | —       | —            | —       | —        | —       | —                | —       |
| Medford, Mass.       | do.         | 21,128                      | 5                             | 1               | —       | —               | —       | 5              | —       | 4            | —       | 4        | —       | —                | —       |
| Melrose, Mass.       | do.         | 15,628                      | 4                             | 1               | 1       | —               | —       | —              | —       | —            | —       | 1        | —       | —                | —       |
| Do.                  | June 25     | 15,628                      | 3                             | —               | —       | —               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Memphis, Tenn.       | June 2      | 140,145                     | 53                            | 5               | 9       | 3               | 1       | 2              | —       | 3            | —       | —        | —       | —                | —       |
| Milwaukee, Wis.      | July 2      | 337,117                     | 91                            | 30              | 6       | 35              | 3       | 44             | 2       | 32           | 3       | 54       | 5       | 9                | 1       |
| Mobile, Ala.         | June 25     | 56,335                      | 17                            | —               | 2       | —               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Moline, Ill.         | July 2      | 23,576                      | 5                             | —               | —       | —               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Montclair, N. J.     | do.         | 18,778                      | 7                             | —               | 1       | —               | —       | 1              | —       | 1            | —       | 1        | —       | —                | —       |
| Montgomery, Ala.     | June 25     | 44,967                      | 10                            | 7               | 1       | 1               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Do.                  | July 2      | 22                          | 1                             | 3               | 7       | 1               | —       | —              | —       | —            | —       | 1        | —       | —                | —       |
| Morristown, N. J.    | do.         | 13,025                      | 5                             | 1               | —       | —               | —       | 1              | —       | —            | —       | —        | —       | —                | —       |
| Mount Vernon, N. Y.  | do.         | 28,632                      | 11                            | —               | 1       | —               | —       | —              | —       | —            | —       | 1        | 1       | 2                | —       |
| Muskegon, Mich.      | June 25     | 21,050                      | —                             | —               | —       | —               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Nanticoke, Pa.       | July 2      | 14,188                      | 15                            | —               | —       | —               | —       | —              | —       | —            | —       | 1        | —       | —                | —       |
| Nashville, Tenn.     | do.         | 107,076                     | 36                            | 2               | 4       | 2               | 1       | —              | —       | 25           | 2       | —        | —       | 7                | —       |
| Newark, N. J.        | do.         | 315,014                     | 107                           | 12              | 15      | 2               | —       | 17             | 2       | 25           | 2       | —        | —       | —                | 3       |
| New Bedford, Mass.   | do.         | 86,282                      | 44                            | —               | 1       | —               | —       | 5              | —       | 2            | 1       | 3        | —       | —                | —       |
| Newburyport, Mass.   | do.         | 14,872                      | 6                             | —               | —       | —               | —       | —              | —       | —            | —       | 1        | —       | —                | —       |
| New Orleans, La.     | do.         | 332,169                     | 113                           | 10              | 11      | 9               | 2       | 8              | —       | 6            | —       | 21       | 1       | —                | —       |
| Newton, Mass.        | do.         | 40,067                      | 8                             | 1               | —       | —               | —       | 4              | —       | 3            | 2       | 6        | —       | —                | —       |
| New York, N. Y.      | do.         | 4,563,604                   | 1,359                         | 493             | 158     | 44              | 13      | 233            | 13      | 368          | 26      | 612      | 20      | 51               | 4       |
| Niagara Falls, N. Y. | do.         | 33,407                      | 11                            | 2               | 1       | 1               | —       | 4              | —       | —            | —       | 2        | —       | —                | —       |
| North Adams, Mass.   | do.         | 20,100                      | 7                             | —               | 1       | 1               | —       | —              | —       | —            | —       | 2        | —       | —                | —       |
| Northampton, Mass.   | do.         | 21,146                      | —                             | —               | —       | —               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Orange, N. J.        | do.         | 28,061                      | 9                             | 3               | 2       | —               | —       | 1              | —       | —            | —       | —        | —       | —                | —       |
| Ottumwa, Iowa.       | June 11     | 22,015                      | 4                             | —               | —       | —               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Do.                  | June 19     | —                           | 8                             | —               | 1       | —               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Do.                  | July 2      | 14                          | —                             | 1               | —       | 1               | —       | —              | —       | —            | —       | 6        | —       | —                | —       |
| Paducah, Ky.         | do.         | 24,475                      | 6                             | 3               | 1       | 1               | 1       | —              | —       | —            | —       | 164      | 7       | 83               | 8       |
| Palmer, Mass.        | do.         | —                           | 5                             | —               | —       | —               | —       | 3              | —       | —            | —       | 4        | 2       | —                | —       |
| Peekskill, N. Y.     | July 2      | 16,042                      | 9                             | —               | 1       | —               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Philadelphia, Pa.    | do.         | 1,540,430                   | 87                            | 37              | 13      | 3               | 19      | 49             | 2       | 164          | 7       | —        | —       | —                | —       |
| Pittsfield, Mass.    | do.         | 28,236                      | 4                             | —               | —       | —               | —       | 1              | —       | —            | —       | —        | —       | —                | —       |
| Plainfield, N. J.    | do.         | 21,567                      | 3                             | —               | —       | —               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Portsmouth, N. H.    | do.         | —                           | —                             | —               | —       | —               | —       | 2              | —       | —            | —       | —        | —       | —                | —       |
| Portsmouth, Va.      | do.         | 28,225                      | 7                             | —               | —       | 8               | 1       | —              | —       | —            | —       | 2        | —       | —                | —       |
| Pottstown, Pa.       | do.         | 14,065                      | 4                             | —               | —       | —               | —       | —              | —       | —            | —       | 1        | —       | —                | —       |
| Pittsburg, Pa.       | do.         | 570,065                     | 170                           | 32              | 1       | 14              | 1       | 26             | 3       | 13           | 4       | 103      | 4       | 12               | 1       |
| Providence, R. I.    | July 2      | 221,673                     | 76                            | 9               | 11      | 4               | —       | 5              | —       | 8            | 1       | 5        | 5       | —                | —       |
| Plymouth, Pa.        | July 4      | 17,954                      | —                             | 1               | —       | —               | —       | 1              | —       | 1            | —       | —        | —       | —                | —       |
| Reading, Pa.         | do.         | 99,261                      | 28                            | —               | 3       | 4               | —       | —              | 4       | —            | —       | 22       | —       | 11               | —       |
| Rockford, Ill.       | do.         | 25,352                      | 6                             | 2               | —       | 1               | —       | —              | 2       | —            | —       | —        | —       | —                | —       |
| Rock Island, Ill.    | do.         | 272                         | 40                            | 30              | 6       | —               | —       | 558            | 23      | 1            | 112     | 35       | 2       | —                | —       |
| St. Louis, Mo.       | July 2      | 208                         | 37                            | 25              | 7       | 1               | 34      | 6              | 13      | 1            | 85      | 28       | 1       | —                | —       |
| Sandusky, Ohio.      | June 4      | 20,857                      | 6                             | —               | —       | —               | —       | 1              | —       | —            | —       | 1        | —       | —                | —       |
| Do.                  | June 11     | —                           | 6                             | —               | —       | —               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Do.                  | June 18     | —                           | 5                             | 1               | 1       | —               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Do.                  | July 2      | —                           | 11                            | —               | —       | —               | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Do.                  | June 25     | —                           | 7                             | 1               | 1       | 1               | —       | —              | 7       | —            | —       | 21       | 1       | 6                | —       |
| San Francisco, Cal.  | do.         | 92                          | 21                            | 11              | 8       | 1               | 10      | 1              | —       | —            | —       | —        | —       | —                | —       |
| Schenectady, N. Y.   | July 2      | 76,744                      | 22                            | 7               | 1       | 4               | —       | —              | 1       | —            | —       | 1        | —       | —                | —       |
| Seattle, Wash.       | June 25     | —                           | 32                            | 4               | 4       | 1               | —       | 8              | —       | 5            | 1       | 23       | —       | 10               | —       |
| Somerville, Mass.    | July 2      | 76,901                      | 21                            | 8               | 3       | 3               | —       | —              | 2       | —            | —       | 3        | —       | —                | —       |
| South Bend, Ind.     | do.         | 50,741                      | 9                             | 1               | —       | —               | —       | 1              | —       | 1            | —       | 2        | —       | —                | —       |
| Steelton, Pa.        | do.         | 15,055                      | 1                             | 3               | —       | —               | —       | 1              | —       | 1            | —       | —        | 4       | —                | —       |
| Superior, Wis.       | do.         | 42,011                      | 12                            | —               | —       | —               | —       | 7              | —       | 1            | —       | —        | —       | —                | —       |
| Tacoma, Wash.        | June 11     | 16,411                      | 20                            | —               | —       | —               | —       | 3              | —       | 2            | —       | 1        | —       | 5                | —       |
| Do.                  | June 18     | —                           | 27                            | —               | —       | 1               | —       | 2              | —       | 2            | —       | —        | 2       | —                | —       |
| Do.                  | June 25     | —                           | 12                            | —               | —       | —               | —       | 4              | —       | 1            | —       | 5        | —       | —                | —       |
| Taunton, Mass.       | July 2      | 30,898                      | 11                            | —               | 1       | —               | —       | —              | —       | —            | —       | 1        | —       | 2                | —       |
| Titusville, Pa.      | do.         | 8,415                       | 0                             | —               | —       | —               | —       | —              | —       | —            | —       | 1        | —       | —                | —       |

## MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States—Continued.

| Cities.               | Week ended— | Estimated population, 1909. | Total deaths from all causes. | Tuber-cu-losis. |         | Ty-phi-od fever. |         | Scarlet fever. |         | Diph-theria. |         | Measles. |         | Whoop-ing cough. |         |
|-----------------------|-------------|-----------------------------|-------------------------------|-----------------|---------|------------------|---------|----------------|---------|--------------|---------|----------|---------|------------------|---------|
|                       |             |                             |                               | Cases.          | Deaths. | Cases.           | Deaths. | Cases.         | Deaths. | Cases.       | Deaths. | Cases.   | Deaths. | Cases.           | Deaths. |
| Toledo, Ohio.....     | June 4      | 178,753                     | 39                            | 2               | 1       | 4                | —       | —              | —       | —            | —       | 37       | —       | —                | —       |
| Do.....               | June 11     | —                           | 31                            | 2               | 6       | 5                | —       | —              | —       | —            | —       | 26       | —       | —                | —       |
| Do.....               | June 18     | —                           | 41                            | 4               | 2       | 1                | —       | —              | —       | —            | —       | 16       | —       | —                | —       |
| Do.....               | June 25     | —                           | 41                            | 4               | 2       | 1                | 2       | —              | —       | —            | —       | 13       | —       | —                | —       |
| Do.....               | July 2      | —                           | 36                            | 18              | 2       | 4                | 3       | 2              | —       | 2            | 1       | 15       | 2       | —                | —       |
| Trenton, N. J.....    | do.....     | 95,053                      | 5                             | 3               | 3       | 4                | 2       | 6              | —       | —            | —       | —        | —       | —                | —       |
| Utica, N. Y.....      | do.....     | 70,911                      | 18                            | 2               | —       | —                | —       | —              | —       | —            | —       | 2        | —       | —                | 1       |
| Waltham, Mass.....    | do.....     | 29,083                      | 9                             | 1               | —       | —                | —       | —              | —       | —            | —       | 3        | —       | —                | —       |
| Washington, D. C..... | do.....     | 237,044                     | 112                           | 43              | 12      | 8                | 1       | 10             | —       | —            | —       | 7        | —       | 12               | 1       |
| Wheeling, W. Va.....  | June 18     | 43,234                      | 14                            | 3               | 1       | 2                | 1       | 5              | —       | —            | —       | 2        | 1       | —                | —       |
| Do.....               | June 25     | —                           | 20                            | 1               | 1       | 5                | —       | 1              | —       | —            | —       | 1        | —       | —                | —       |
| Wichita, Kans.....    | July 2      | 52,313                      | 25                            | —               | 1       | 1                | —       | —              | —       | —            | —       | 4        | —       | —                | —       |
| Wilkes-Barre, Pa..... | do.....     | 65,724                      | 25                            | 5               | —       | —                | —       | 7              | —       | 1            | —       | 3        | —       | 6                | —       |
| Wilkinsburg, Pa.....  | do.....     | 20,884                      | 6                             | —               | —       | —                | —       | —              | —       | 1            | —       | 13       | —       | 2                | —       |
| Williamsport, Pa..... | do.....     | 30,382                      | 5                             | —               | —       | —                | —       | —              | —       | —            | —       | 11       | —       | —                | —       |
| Wilmington, Del.....  | do.....     | 90,260                      | 34                            | —               | 2       | —                | —       | —              | —       | —            | —       | —        | —       | —                | —       |
| Woburn, Mass.....     | do.....     | 14,550                      | 2                             | —               | 1       | —                | —       | —              | —       | —            | —       | 4        | —       | —                | —       |
| Worcester, Mass.....  | June 25     | 137,849                     | 42                            | 5               | 2       | —                | —       | 5              | —       | 5            | —       | 17       | 1       | 1                | 1       |
| Do.....               | July 2      | —                           | 48                            | 7               | 3       | —                | —       | 2              | 1       | 6            | —       | 26       | —       | —                | —       |
| Yonkers, N. Y.....    | do.....     | 74,897                      | 23                            | 4               | 4       | —                | —       | 11             | —       | 3            | 2       | 1        | —       | —                | —       |
| York, Pa.....         | do.....     | 42,805                      | —                             | 7               | —       | 1                | —       | —              | —       | 2            | —       | —        | 4       | —                | —       |
| Zanesville, Ohio..... | do.....     | 26,042                      | 7                             | —               | —       | 1                | —       | —              | —       | —            | —       | —        | —       | —                | —       |

## STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES (untabulated).

*Florida.*—Week ended July 2, 1910. Reports from the State board of health show 13 cases of typhoid fever in 4 localities, malaria 4 cases in 2 localities (Tampa and Ybor City), and tuberculosis 7 cases in 6 localities.

*North Carolina.*—Month of March, 1910. Reports to the State board of health show typhoid fever present in 20 counties, smallpox in 46 counties, measles in 44 counties, scarlet fever in 18 counties, diphtheria in 22 counties, malarial fever in 1 county, hemorrhagic fever in 1 county.

*Pennsylvania.*—Month of April, 1910. Total number of deaths from all causes, 9,934, of which 124 were caused by typhoid fever, 99 by scarlet fever, 148 by diphtheria, 172 by measles, 90 by whooping cough, 2 by smallpox, 214 by influenza, 4 by malarial fever, 838 by tuberculosis of the lungs, 140 by tuberculosis of other organs, 405 by cancer, 51 by diabetes, 79 by meningitis, 1,487 by pneumonia, 234 (under 2 years) and 77 (over 2 years) by diarrhea and enteritis, 556 by Bright's disease, 545 by diseases of early infancy, 75 by suicide, 79 by accidents in mines and quarries, 102 by railway injuries, 453 by other forms of violence, 3,960 by all other diseases.

Month of May, 1910. The total number of communicable diseases reported was 16,345, distributed as follows: Cerebro-spinal meningitis 13, chickenpox 510, diphtheria 1,053, erysipelas 165, German

measles 366, hydrophobia 3, malarial fever 7, measles 8,470, mumps 710, pneumonia 675, puerperal fever 13, scarlet fever 1,454, smallpox 22, tetanus 14, trachoma 21, tuberculosis 1,416, typhoid fever 491, whooping cough 942.

**NEW JERSEY**.—Month of June, 1910. Population 1,883,669. Total number of deaths from all causes 2,977, including typhoid fever 20, measles 19, scarlet fever 33, diphtheria 27, tuberculosis 367.

**SOUTH CAROLINA**—*Charleston*.—Month of June, 1910. Population 57,593. Total number of deaths from all causes, 159, including typhoid fever 2, pellagra 3, tuberculosis 14.

Cases reported: Typhoid fever 21, smallpox 16, scarlet fever 1, diphtheria 2.

**TEXAS**—*Waco*.—Month of May, 1910. Population 30,000. Total number of deaths from all causes, 44, including typhoid fever 2, tuberculosis 6.

Cases reported: Smallpox 5, scarlet fever 6, diphtheria 1.

## FOREIGN AND INSULAR.

### AUSTRALIA.

#### SYDNEY—Examination of Rodents for Plague Infection.

The following information is taken from bulletins issued by the department of health of New South Wales:

Month of May, 1910. Rodents destroyed, 5,730. Rodents examined, 1,944. No plague infection found.

The last case of human plague was reported May 29, 1909. The last plague-infected rodent was found April 25, 1910.

### BARBADOS.

#### BRIDGETOWN—Inspection of Vessels.

Acting Assistant Surgeon Le Sueur reports, June 25:

Week ended June 25. Bills of health issued to 5 vessels, of which 1 was fumigated. They carried an aggregate of 322 in crews and 173 passengers. Sanitary condition of vessels, cargoes, crews, and passengers good.

### CHINA.

#### HONGKONG—Inspection of Vessels—Plague and Smallpox.

Passed Assistant Surgeon Foster reports, May 23 and 31:

Week ended May 21. Quarantine restrictions enforced by and against Hongkong remain as reported May 14. Week ended May 28. Restrictions enforced against Hongkong remain as reported May 21. The port of Swatow is declared cholera-infected, and medical inspection and discretionary quarantine are ordered at Hongkong.

During the week ended May 21, 1 case of smallpox was reported, and during the week ended May 28, 2 cases of plague with 2 deaths.

### INSPECTION AND DISINFECTION OF VESSELS.

#### *Week ended May 21.*

|                                      |       |
|--------------------------------------|-------|
| Vessels granted bills of health..... | 11    |
| Total members of crews.....          | 1,030 |
| Total cabin passengers.....          | 280   |
| Total steerage passengers.....       | 992   |
| Members of crews bathed.....         | 743   |
| Passengers bathed.....               | 999   |
| Pieces of baggage disinfected.....   | 1,782 |
| Crews' quarters disinfected:         |       |
| By formaldehyde.....                 | 9     |
| By sulphur.....                      | 0     |

## Week ended May 28.

|                                       |     |
|---------------------------------------|-----|
| Vessels granted bills of health.....  | 7   |
| Total members of crews.....           | 609 |
| Total cabin passengers.....           | 226 |
| Total steerage passengers.....        | 228 |
| Members of crews bathed.....          | 483 |
| Passengers bathed.....                | 179 |
| Pieces of baggage disinfected.....    | 662 |
| Vessels disinfected to kill rats..... | 0   |
| Crews' quarters disinfected:          |     |
| By formaldehyde.....                  | 6   |
| By sulphur.....                       | 0   |

## SHANGHAI—Inspection of Vessels—Smallpox.

Acting Assistant Surgeon Ransom reports, June 7:

## Week ended June 4.

|                                                         |       |
|---------------------------------------------------------|-------|
| Vessels granted bills of health.....                    | 6     |
| Members of crews.....                                   | 444   |
| Steerage passengers.....                                | 178   |
| Cabin passengers.....                                   | 111   |
| Members of crews bathed and effects disinfected.....    | 65    |
| Steerage passengers bathed and effects disinfected..... | 6     |
| Pieces of baggage disinfected.....                      | 126   |
| Pieces of freight disinfected.....                      | 186   |
| Vessels partially disinfected.....                      | 2     |
| Packages of freight viséed.....                         | 6,956 |

The weekly report of the municipal health officer shows 1 new case of smallpox among foreigners and 8 deaths from smallpox among natives.

Reports from Hankau show for the week ended May 21, 1 case of typhus fever and 1 of plague, and for the week ended May 28, 2 cases of typhus fever and 1 case of plague with 1 death.

## CUBA.

## CIENFUEGOS—Inspection of Vessels.

Acting Assistant Surgeon Suarez reports, June 29:

Week ended June 25. Bill of health issued to 1 vessel. No quarantinable disease reported.

## HABANA—Inspection of Vessels—Leprosy in the Island.

Passed Assistant Surgeon de Valin reports, June 28:

Week ended June 25. Bills of health issued, 26. Vessels inspected and passed, 19. Members of crews of outgoing vessels inspected, 777. Passengers of outgoing vessels inspected, 575. No quarantinable diseases reported.

The department of sanitation reports 5 cases of leprosy with 1 death and 340 cases remaining in the island of Cuba for the period from June 1 to 10, 1910.

## ECUADOR.

## GUAYAQUIL—Plague and Yellow Fever—Inspection of Vessels.

Passed Assistant Surgeon Parker reports, June 8:

During the month of May 5 sporadic cases of plague with 5 deaths were reported, and 37 cases of yellow fever with 14 deaths.

Week ended May 28. Bills of health issued, 1. Vessels fumigated, 1. Members of crews inspected, 53. Cabin passengers inspected, 18.

Steerage passengers inspected, 18. Pieces of baggage fumigated, 36; inspected and passed, 27. Certificates for hides issued, 2. Certificate for removal of corpse of person dead of nonquarantineable disease, 1.

Week ended June 11. Bills of health issued, 2. Vessels fumigated, 2. Members of crews inspected, 112. Cabin passengers inspected, 31. Steerage passengers inspected, 28. Pieces of baggage fumigated, 102; inspected and passed, 36. Certificates for hides issued, 1.

The vessels fumigated were the steamships *Ecuador* and *Manavi*, both sailing for the Canal Zone on June 7 and 8 respectively.

#### GUATEMALA.

##### LIVINGSTON—Fruit Port.

Acting Assistant Surgeon Ames at Puerto Barrios reports:

Week ended June 25. No bills of health issued. No quarantineable diseases present.

##### PUERTO BARRIOS, Fruit Port—Inspection of Vessels.

Acting Assistant Surgeon Ames reports:  
Bills of health issued as follows:

##### WEEK ENDED JUNE 18.

| Date.   | Vessel.      | Destination.              | Crew. | Passengers from this port. | Passengers in transit. |
|---------|--------------|---------------------------|-------|----------------------------|------------------------|
| June 13 | Cartago..... | New Orleans via Belize... | 84    | 19                         | 41                     |
| 16      | José.....    | New York.....             | 26    | .....                      | .....                  |
| 17      | Agnella..... | New Orleans via Belize... | 19    | 2                          | 2                      |

##### WEEK ENDED JUNE 25.

|         |                |                           |    |   |       |
|---------|----------------|---------------------------|----|---|-------|
| June 20 | Parismina..... | New Orleans via Belize... | 83 | 5 | 10    |
| 23      | Belize.....    | Mobile via Belize.....    | 18 | 5 | ..... |
| 24      | Fjell.....     | New Orleans via Belize... | 19 | 1 | 2     |

Temperature taken of passengers at time of sailing. No quarantineable disease reported.

#### HAWAII.

Three cases of human plague were taken from steamship *Nippon Maru* at Honolulu June 7, 1910.

The last plague-infected rat was found at Aiea, 9 miles from Honolulu, April 12, 1910.

At Hilo the last case of human plague occurred March 23, 1910.

The last plague-infected rat was found at Pihuona, 4 miles from Hilo, April 9, 1910.

Passed Assistant Surgeon Ramus reports, June 20:

**HONOLULU—Plague-Prevention Work.***Week ended June 18, 1910.*

|                                          |       |
|------------------------------------------|-------|
| Total rats taken .....                   | 819   |
| Trapped .....                            | 817   |
| Found dead ( <i>mus musculus</i> ) ..... | 2     |
| Examined bacteriologically .....         | 668   |
| Plague rats .....                        | 0     |
| Classification of rats trapped:          |       |
| <i>Mus alexandrinus</i> .....            | 100   |
| <i>Mus musculus</i> .....                | 328   |
| <i>Mus norvegicus</i> .....              | 90    |
| <i>Mus rattus</i> .....                  | 299   |
| Average number of traps set daily .....  | 1,738 |

**HONDURAS.****CEIBA, Fruit Port—Inspection of Vessels.**

Acting Assistant Surgeon Layton reports:  
Bills of health issued as follows:

WEEK ENDED JUNE 21.

| Date.   | Vessel.           | Destination.                   | Crew. | Passengers from this port. | Passengers in transit. |
|---------|-------------------|--------------------------------|-------|----------------------------|------------------------|
| June 16 | John Wilson ..... | New Orleans .....              | 17    | 2                          |                        |
| 18      | Colombia .....    | do .....                       | 18    |                            |                        |
| 20      | Orleanian .....   | do .....                       | 34    | 7                          |                        |
| 20      | Bluefields .....  | do .....                       | 23    | 1                          |                        |
| 20      | Harald .....      | Mobile via Puerto Cortez ..... | 20    |                            |                        |

WEEK ENDED JUNE 28.

|         |                   |                                  |    |   |   |
|---------|-------------------|----------------------------------|----|---|---|
| June 22 | Corinto .....     | New Orleans .....                | 21 | 2 |   |
| 23      | Carib .....       | New York via Puerto Cortez ..... | 7  | 1 |   |
| 24      | Grib .....        | New Orleans .....                | 20 |   |   |
| 24      | Senator .....     | do .....                         | 20 | 3 |   |
| 28      | Bodo .....        | Mobile .....                     | 19 |   | 4 |
| 28      | John Wilson ..... | New Orleans .....                | 17 |   |   |

Temperatures taken of passengers on *Grib*, *Senator*, and *John Wilson*. No quarantinable disease present in port or vicinity.

**PUERTO CORTEZ, Fruit Port—Inspection of Vessels.**

Acting Assistant Surgeon Stowe reports:

WEEK ENDED JUNE 28.

| Date.   | Vessel.         | Crew. | Passengers from this port. | Passengers in transit. |
|---------|-----------------|-------|----------------------------|------------------------|
| June 22 | Harald .....    | 20    |                            |                        |
| 22      | Mercator .....  | 18    | 5                          |                        |
| 22      | Fjell .....     | 19    | 12                         |                        |
| 23      | Ethelwold ..... | 24    |                            |                        |
| 24      | Hiram .....     | 14    | 3                          |                        |

**TELA, Fruit Port—Inspection of Vessel.**

Acting Assistant Surgeon Roe reports:

Week ended June 18. Bill of health issued to steamship *Colombia* for Mobile, crew 18, no passengers.

## INDIA.

## CALCUTTA—Cholera and Plague.

Acting Assistant Surgeon Allan reports, June 9:

Week ended May 21. At Calcutta there were 58 deaths from cholera and 78 from plague; in all Bengal, 206 cases of plague with 174 deaths; in all India, 14,034 cases of plague with 12,189 deaths.

Week ended June 2. Bills of health issued to steamships *Swazi* for New York and Philadelphia and *Neuenfels* for Boston and New York. These vessels carried an aggregate of 129 in crews. The usual precautions were taken, holds fumigated, rat guards placed on wharf lines, and effects of Asiatics disinfected.

## ITALY.

## NAPLES—Examination of Emigrants—Smallpox.

Surgeon Geddings reports, June 20:

*Vessels inspected at Naples week ended June 18.*

| Date.   | Name of ship.         | Destination.  | Steerage passengers inspected and passed. | Pieces of baggage inspected and passed. | Pieces of baggage disinfected. |
|---------|-----------------------|---------------|-------------------------------------------|-----------------------------------------|--------------------------------|
| June 12 | Tomaso di Savoia..... | New York..... | 877                                       | 110                                     | 980                            |
| 14      | Cretic.....           | do.....       | 978                                       | 190                                     | 1,350                          |
| 15      | Carpathia.....        | do.....       |                                           |                                         |                                |
| 16      | America.....          | do.....       | 677                                       | 120                                     | 980                            |
| 17      | Barbarossa.....       | do.....       | 145                                       | 20                                      | 240                            |
|         | Total.....            |               | 2,677                                     | 440                                     | 3,550                          |

*Rejections recommended.*

| Date.   | Name of ship.         | Trachoma. | Favus. | Suspected trachoma. | Other causes. | Total. |
|---------|-----------------------|-----------|--------|---------------------|---------------|--------|
| June 12 | Tomaso di Savoia..... | 28        | 3      | 15                  | 10            | 56     |
| 14      | Cretic.....           | 29        | 8      | 18                  | 10            | 65     |
| 15      | Carpathia.....        |           |        |                     |               |        |
| 16      | America.....          | 24        | 3      | 6                   | 11            | 44     |
| 17      | Barbarossa.....       | 9         |        | 4                   | 4             | 17     |
|         | Total.....            | 90        | 14     | 43                  | 35            | 182    |

*Smallpox in Naples.*—During the week ended June 19, 6 cases of smallpox with 1 death were reported at the health office of the city of Naples.

## MEXICO.

## Report from the Superior Board of Health of Mexico.

In compliance with articles 1 and 2 of the International Sanitary Convention held at Washington October 9-14, 1905, the president of the Superior Board of Health of Mexico reports, June 27, that no case of yellow fever and no death from the said disease were registered in the Mexican Republic during the week ended June 25, and that the prophylactic measures reported under date of September 28, 1908, continue to be carried out.

July 15, 1916

**PROGRESO—Inspection and Fumigation of Vessels.**

Acting Assistant Surgeon Harrison reports, June 25:

Week ended June 25. Five vessels inspected, of which 3 were fumigated. They carried an aggregate of 233 in crews and 28 passengers from this port.

**VERACRUZ—Inspection and Fumigation of Vessels.**

Acting Assistant Surgeon Goldthwaite reports, June 27:

Week ended June 25. Bills of health issued to 7 vessels. Of these vessels 4 were fumigated.

No quarantinable disease was reported in Veracruz or vicinity.

**PANAMA.****BOCAS DEL TORO, Fruit Port—Inspection of Vessels.**

Acting Assistant Surgeon Osterhaut reports:

Bills of health issued as follows:

WEEK ENDED JUNE 29.

| Date.   | Vessel—destination.         | Crew. | Passengers from this port. | Passengers in transit. |
|---------|-----------------------------|-------|----------------------------|------------------------|
| June 23 | Heredia, New Orleans.....   | 82    | 35                         | 152                    |
| 23      | Belvernon, Mobile.....      | 20    | .....                      | .....                  |
| 23      | Sarnia, New York.....       | 96    | 8                          | 108                    |
| 25      | Harry T. Inge, Mobile.....  | 26    | .....                      | 2                      |
| 26      | Fort Gaines, Mobile.....    | 23    | 1                          | .....                  |
| 29      | Turrialba, New Orleans..... | 82    | 45                         | 12                     |

**TRINIDAD—Case of plague present.**

The following information was received from the Department of State, July 14:

American consul at Trinidad reports case of plague.

**VENEZUELA.****LA GUAIRA—Inspection of Vessels.**

Acting Assistant Surgeon Kellogg reports, June 19 and 26:

Week ended June 18. Vessels inspected: June 14, steamship *Philadelphia* for San Juan, crew, 64, passengers, 17; June 17, steamship *Chancellor* for Galveston, crew, 40, no passengers; June 18, steamship *Montevideo* for Ponce, crew, 126, passengers in transit, 154, from this port, 55.

Week ended June 25. Steamship *Citta di Milano* for Colon, crew, 85, passengers in transit, 89, taken from this port, 6; June 24, steamship *Normandie* for Colon, crew 184, passengers in transit, 89, from this port, 55.

No quarantinable diseases were reported at La Guaira, Maiquetia, or Puerto Cabello during the two weeks ended June 25.

**ZANZIBAR.****ZANZIBAR—Examination of Rats for Plague Infection.**

Consul Garrels reports:

Three weeks ended May 31. Number of rats received, 3,140; examined, 3,140. No plague infection found.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

## Reports Received During Week Ended July 15, 1910.

[These tables include cases and deaths recorded in reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls through the Department of State and from other sources.]

## CHOLERA.

| Place.               | Date.          | Cases. | Deaths. | Remarks. |
|----------------------|----------------|--------|---------|----------|
| India:               |                |        |         |          |
| Calcutta.....        | May 15-21..... |        | 58      |          |
| Negapatam.....       | May 1-6.....   |        | 10      |          |
| Rangoon.....         | May 22-28..... |        | 2       |          |
| Java:                |                |        |         |          |
| Batavia.....         | May 22-28..... | 5      | 3       |          |
| Samarang.....        | May 22-28..... | 1      | .....   |          |
| Straits Settlements: |                |        |         |          |
| Singapore.....       | May 15-21..... | 8      | 12      |          |

## YELLOW FEVER.

|             |                 |   |   |  |
|-------------|-----------------|---|---|--|
| Brazil:     |                 |   |   |  |
| Manaos..... | June 5-11.....  |   | 2 |  |
| Para.....   | June 12-18..... | 9 | 6 |  |

## PLAQUE.

|                      |                     |    |       |  |
|----------------------|---------------------|----|-------|--|
| Egypt:               |                     |    |       |  |
| Alexandria.....      | May 24-June 8.....  | 2  | 1     |  |
| Port Said.....       | June 14.....        | 2  | ..... |  |
| Provinces—           |                     |    |       |  |
| Assiout.....         | May 26-June 16..... | 11 | 7     |  |
| Assouan.....         | Apr. 30-June 8..... | 2  | 1     |  |
| Beni Souef.....      | May 27-June 12..... | 6  | 5     |  |
| Galloobeeh.....      | May 21-June 5.....  | 4  | ..... |  |
| Garbieh.....         | May 14-June 14..... | 13 | 4     |  |
| Fayoum.....          | May 28-June 16..... | 16 | 10    |  |
| Kena.....            | May 27-June 15..... | 23 | 21    |  |
| Menouf.....          | May 24-June 13..... | 83 | 13    |  |
| India:               |                     |    |       |  |
| Bombay.....          | May 25-June 7.....  |    | 211   |  |
| Calcutta.....        | May 15-21.....      |    | 78    |  |
| Rangoon.....         | May 22-28.....      |    | 30    |  |
| Persia:              |                     |    |       |  |
| Bouchir.....         | May 15-21.....      |    | 6     |  |
| Straits Settlements: |                     |    |       |  |
| Singapore.....       | May 15-21.....      | 1  | 1     |  |
| Trinidad.....        | July 14.....        | 1  | ..... |  |

## SMALLPOX.

|                      |                    |    |       |  |
|----------------------|--------------------|----|-------|--|
| Argentina:           |                    |    |       |  |
| Buenos Aires.....    | Feb. 1-28.....     |    | 70    |  |
| Mar. 1-31.....       |                    |    | 71    |  |
| Brazil:              |                    |    |       |  |
| Para.....            | June 12-18.....    | 8  | 2     |  |
| Pernambuco.....      | Apr. 16-30.....    |    | 46    |  |
| Santos.....          | May 22-29.....     |    | 6     |  |
| China:               |                    |    |       |  |
| Hongkong.....        | May 15-21.....     | 1  | ..... |  |
| Egypt, general.....  | May 7-13.....      | 80 | 15    |  |
| Suez.....            | May 21-27.....     | 1  | ..... |  |
| France:              |                    |    |       |  |
| Paris.....           | July 12-18.....    | 8  | ..... |  |
| India:               |                    |    |       |  |
| Bombay.....          | May 25-27.....     |    | 38    |  |
| Madras.....          | May 28-June 3..... |    | 1     |  |
| Rangoon.....         | May 22-28.....     |    | 8     |  |
| Italy, general.....  | June 13-19.....    | 1  | ..... |  |
| Naples.....          | June 13-19.....    | 6  | 1     |  |
| Java:                |                    |    |       |  |
| Batavia.....         | May 22-28.....     | 1  | ..... |  |
| Mexico:              |                    |    |       |  |
| Aguascalientes.....  | May 19-25.....     |    | 5     |  |
| Mexico.....          | May 29-June 4..... |    | 3     |  |
| San Luis Potosi..... | June 12-18.....    | 1  | ..... |  |

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received During Week Ended July 15, 1910—Continued.

## SMALLPOX—Continued.

| Place.                                 | Date.               | Cases. | Deaths. | Remarks. |
|----------------------------------------|---------------------|--------|---------|----------|
| Portugal:<br>Lisbon.....               | June 12-18.....     | 28     | .....   |          |
| Russia:<br>Libau.....                  | June 6-12.....      | 24     | 1       |          |
| Moscow.....                            | June 5-11.....      | 25     | 6       |          |
| Riga.....                              | June 5-18.....      |        | 37      |          |
| St. Petersburg.....                    | May 28-June 11..... | 56     | 31      |          |
| Siberia:<br>Vladivostok.....           | Apr. 22-28.....     | 1      | .....   |          |
| Spain:<br>Barcelona.....               | June 14-20.....     |        | 2       |          |
| Vigo.....                              | June 12-18.....     |        | 1       |          |
| Straits Settlements:<br>Singapore..... | May 15-21.....      | 4      | 1       |          |
| Uruguay:<br>Montevideo.....            | Apr. 1-30.....      | 162    | 64      |          |

## Reports Received from June 25 to July 8, 1910.

[For reports received from January 1, 1910, to June 24, 1910, see PUBLIC HEALTH REPORTS for June 24, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

## CHOLERA.

| Place.                                 | Date.           | Cases. | Deaths. | Remarks.                                                                       |
|----------------------------------------|-----------------|--------|---------|--------------------------------------------------------------------------------|
| China:<br>Swatow.....                  | May 10-23.....  |        | 250     | In vicinity from 3,000 to 4,000 deaths.                                        |
| Germany:<br>Berlin.....                | June 23-27..... |        |         | Two deaths at Ruhleben inspection station among Russian emigrants.             |
| India:<br>Calcutta.....                | May 1-14.....   |        | 137     |                                                                                |
| Madras.....                            | May 21-27.....  |        | 1       |                                                                                |
| Moulmine.....                          | May 1-7.....    | 1      | 1       |                                                                                |
| Negatapam.....                         | Apr. 16-29..... |        | 34      |                                                                                |
| Rangoon.....                           | May 8-21.....   |        | 3       |                                                                                |
| Java:<br>Batavia.....                  | May 8-21.....   | 7      | 6       |                                                                                |
| Samarang.....                          | May 8-21.....   | 92     | 72      |                                                                                |
| Soerabaya.....                         | May 8-21.....   | 27     | 11      |                                                                                |
| Russia, general.....                   |                 |        |         | From the beginning of the epidemic in May to June 16, cases 1,491, deaths 573. |
| Straits Settlements:<br>Singapore..... | May 8-14.....   | 7      | 5       |                                                                                |

## YELLOW FEVER.

|                                |                     |    |       |                                                               |
|--------------------------------|---------------------|----|-------|---------------------------------------------------------------|
| Brazil:<br>Manaos.....         | May 30-June 4.....  |    | 1     |                                                               |
| Para.....                      | May 30-June 11..... | 11 | 7     |                                                               |
| Costa Rica:<br>San José.....   | May 28-June 29....  | 2  | ..... | Case May 28 from Barranquilla.<br>Case June 29 from Siquires. |
| Ecuador:<br>Guayaquil.....     | May 16-June 15....  | 30 | 16    |                                                               |
| Gold Coast:<br>Sekondi.....    | May 1-27.....       | 8  | 8     |                                                               |
| Sierra Leone:<br>Freetown..... | May 1-31.....       | 3  | 3     |                                                               |
| Sherboro.....                  | May 20.....         |    |       | Present.                                                      |

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from June 25 to July 8, 1910—Continued.

## PLAGUE.

| Place.                              | Date.             | Cases. | Deaths. | Remarks.                                                                                |
|-------------------------------------|-------------------|--------|---------|-----------------------------------------------------------------------------------------|
| Chile:                              |                   |        |         |                                                                                         |
| Iquique.....                        | May 8-June 4..... | 19     | 7       |                                                                                         |
| China:                              |                   |        |         |                                                                                         |
| Amoy.....                           | May 8-31.....     |        |         | From 10 to 15 deaths daily.                                                             |
| Chao Yang district.....             | May 5-19.....     | 3,000  |         | Mainly at Ho Peng. Present also at Chelin, Feng-chow-so, Talpushien, and Tsai-tang-shi. |
| Hankow.....                         | May 15-28.....    | 2      | 1       |                                                                                         |
| Hongkong.....                       | May 8-14.....     | 2      | —       |                                                                                         |
| Ecuador:                            |                   |        |         |                                                                                         |
| Guayaquil.....                      | May 16-31.....    | 2      | —       |                                                                                         |
| India:                              |                   |        |         |                                                                                         |
| Bombay.....                         | May 18-24.....    |        | 162     |                                                                                         |
| Calcutta.....                       | May 1-14.....     |        | 162     |                                                                                         |
| Kurrachee.....                      | May 15-28.....    | 118    | 113     |                                                                                         |
| Rangoon.....                        | May 8-21.....     |        | 50      |                                                                                         |
| Bombay Presidency and Sind.         | May 1-14.....     | 985    | 868     |                                                                                         |
| Madras Presidency.....              | May 1-14.....     | 38     | 15      |                                                                                         |
| Bengal.....                         | May 1-14.....     | 626    | 567     |                                                                                         |
| United provinces.....               | May 1-14.....     | 3,660  | 3,445   |                                                                                         |
| Punjab.....                         | May 1-14.....     | 16,810 | 14,654  |                                                                                         |
| Burma.....                          | May 1-14.....     | 348    | 340     |                                                                                         |
| Central provinces, including Berar. | May 1-14.....     | 118    | 82      |                                                                                         |
| Mysore State.....                   | May 1-14.....     | 18     | 12      |                                                                                         |
| Hyderabad State.....                | May 1-14.....     | 5      | 2       |                                                                                         |
| Central India.....                  | May 1-14.....     | 9      | 7       |                                                                                         |
| Rajputana and Ajmer-Merwara.        | May 1-14.....     | 4,650  | 4,286   |                                                                                         |
| Baluchistan.....                    | May 1-14.....     | 54     | 46      |                                                                                         |
| Grand total.....                    |                   | 27,321 | 24,324  |                                                                                         |
| Japan:                              |                   |        |         |                                                                                         |
| Formosa.....                        | May 8-28.....     | 5      | 4       |                                                                                         |
| New Zealand:                        |                   |        |         |                                                                                         |
| Auckland.....                       | May 23.....       | 1      | —       |                                                                                         |
| Peru:                               |                   |        |         |                                                                                         |
| Arequipa Department—Mollendo.....   | May 16.....       |        |         | Present.                                                                                |
| Callao Department—Callao.....       | May 12-19.....    | 2      | —       | Case May 12 from s. s. Victoria; case May 19 from s. s. Nicarie.                        |
| Straits Settlements:                |                   |        |         |                                                                                         |
| Singapore.....                      | May 8-14.....     | 1      | 1       |                                                                                         |
| Trinidad:                           |                   |        |         |                                                                                         |
| Port of Spain.....                  | May 15-21.....    | 1      | 1       |                                                                                         |
| Turkey in Asia:                     |                   |        |         |                                                                                         |
| Lohela.....                         | May 1-24.....     | 25     | 27      | And vicinity.                                                                           |

## SMALLPOX.

|                              |                     |   |    |                                               |
|------------------------------|---------------------|---|----|-----------------------------------------------|
| Algeria:                     |                     |   |    |                                               |
| Bona.....                    | May 1-31.....       | 1 | 1  |                                               |
| Australia:                   |                     |   |    |                                               |
| Victoria, general.....       | Apr. 3-19.....      | 1 | 1  |                                               |
| Austria:                     |                     |   |    |                                               |
| Galicia.....                 | May 29-June 4.....  | 3 | —  |                                               |
| Brazil:                      |                     |   |    |                                               |
| Para.....                    | May 29-June 11..... | 8 | 1  |                                               |
| Canada:                      |                     |   |    |                                               |
| British Columbia—Fernie..... | June 12-25.....     | 4 | —  |                                               |
| Nova Scotia—Halifax.....     | June 14-25.....     | 6 | —  |                                               |
| Pictou.....                  | June 12-25.....     | 7 | 1  |                                               |
| Ontario—Toronto.....         | June 5-11.....      | 1 | —  |                                               |
| Chile:                       |                     |   |    |                                               |
| Valparaiso.....              | May 19.....         | 4 | —  |                                               |
| China:                       |                     |   |    |                                               |
| Canton.....                  | May 8-21.....       | 4 | —  |                                               |
| Hongkong.....                | May 8-14.....       | 1 | —  |                                               |
| Nanking.....                 | May 7.....          | — |    | Present.                                      |
| Shanghai.....                | May 22-June 5.....  | 2 | 13 | Cases among foreigners, deaths among natives. |

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from June 25 to July 8, 1910—Continued.

## SMALLPOX—Continued.

| Place.                | Date.              | Cases. | Deaths. | Remarks. |
|-----------------------|--------------------|--------|---------|----------|
| Egypt, general.....   | Apr. 30-May 6....  | 50     | 15      |          |
| Cairo.....            | May 21-27.....     | 4      | 2       |          |
| France:               |                    |        |         |          |
| Paris.....            | May 29-June 11.... | 9      | .....   |          |
| Germany, general..... | May 29-June 18.... | 10     | .....   |          |
| Hamburg.....          | June 5-11.....     | 1      | .....   |          |
| Great Britain:        |                    |        |         |          |
| South Shields.....    | May 22-June 4....  | 4      | 1       |          |
| India:                |                    |        |         |          |
| Bombay.....           | May 18-24.....     | 28     | .....   |          |
| Kurrachee.....        | May 15-28.....     | 7      | 3       |          |
| Madras.....           | May 14-20.....     | .....  | 2       |          |
| Rangoon.....          | May 8-21.....      | .....  | 19      |          |
| Italy, general.....   | May 30-June 12.... | 18     | .....   |          |
| Naples.....           | May 30-June 12.... | 28     | 6       |          |
| Japan:                |                    |        |         |          |
| Formosa.....          | May 22-28.....     | 1      | 1       |          |
| Korea:                |                    |        |         |          |
| Fusan.....            | May 1-7.....       | 1      | .....   |          |
| Malta.....            | May 22-28.....     | 1      | .....   |          |
| Mexico:               |                    |        |         |          |
| Aguascalientes.....   | June 5-18.....     | .....  | 11      |          |
| Guadalajara.....      | June 11-17.....    | .....  | 4       |          |
| Mexico.....           | May 15-28.....     | .....  | 3       |          |
| San Luis Potosi.....  | May 29-June 11.... | 5      | 3       |          |
| Portugal:             |                    |        |         |          |
| Lisbon.....           | May 29-June 11.... | 67     | .....   |          |
| Russia:               |                    |        |         |          |
| Libau.....            | May 30-June 12.... | 57     | 4       |          |
| Moscow.....           | May 22-June 4....  | 20     | 8       |          |
| Odessa.....           | May 22-June 11.... | 36     | 5       |          |
| Riga.....             | May 29-June 4....  | 5      | .....   |          |
| St. Petersburg.....   | May 8-28.....      | 146    | 36      |          |
| Warsaw.....           | Mar. 6-26.....     | .....  | 52      |          |
| Spain:                |                    |        |         |          |
| Barcelona.....        | May 31-June 6....  | .....  | 3       |          |
| Cadiz.....            | May 1-31.....      | .....  | 1       |          |
| Madrid.....           | May 1-31.....      | .....  | 3       |          |
| Seville.....          | May 1-31.....      | .....  | 2       |          |
| Straits Settlements:  |                    |        |         |          |
| Singapore.....        | May 8-14.....      | 6      | 5       |          |

## MORTALITY.

## WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.

| Cities.             | Week ended— | Estimated population. | Total deaths from all causes. | Deaths from—  |         |          |               |           |               |                |                |
|---------------------|-------------|-----------------------|-------------------------------|---------------|---------|----------|---------------|-----------|---------------|----------------|----------------|
|                     |             |                       |                               | Tuberculosis. | Plague. | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Typhoid fever. | Scarlet fever. |
| Aberdeen.....       | June 7      | 185,703               | .....                         | .....         | .....   | .....    | .....         | 5         | 3             | 1              | 1              |
| Aguascalientes..... | June 25     | 40,000                | 60                            | 2             | .....   | .....    | .....         | 5         | 3             | 1              | 1              |
| Antwerp.....        | June 18     | 326,351               | 77                            | 4             | .....   | .....    | .....         | .....     | .....         | 1              | 6              |
| Asuncion.....       | May 28      | 72,000                | 33                            | 2             | .....   | .....    | .....         | .....     | 1             | .....          | 1              |
| Athens.....         | June 18     | 250,010               | 75                            | 18            | .....   | .....    | .....         | .....     | 17            | 1              | .....          |
| Barcelona.....      | June 20     | 501,272               | 340                           | 18            | .....   | .....    | .....         | 2         | 2             | 4              | 16             |
| Batavia.....        | May 28      | 217,630               | .....                         | .....         | 3       | .....    | .....         | .....     | .....         | .....          | .....          |
| Belfast.....        | June 18     | 391,167               | 183                           | 27            | .....   | .....    | .....         | .....     | .....         | 2              | 49             |
| Berlin.....         | June 11     | 2,118,729             | 631                           | 80            | .....   | .....    | .....         | .....     | .....         | 7              | 12             |
| Birmingham.....     | June 25     | 570,113               | 118                           | .....         | .....   | .....    | .....         | .....     | 2             | 1              | 7              |
| Bombay.....         | May 31      | 977,822               | 652                           | 53            | 128     | .....    | .....         | 20        | 2             | .....          | 6              |
| Do.                 | June 7      | .....                 | 642                           | 52            | 83      | .....    | .....         | 18        | 5             | .....          | 2              |
| Bradford.....       | June 18     | 295,867               | 77                            | 3             | .....   | .....    | .....         | .....     | 1             | 1              | 7              |
| Bremen.....         | do.         | 235,648               | 72                            | 9             | .....   | .....    | .....         | .....     | .....         | 1              | 1              |
| Brussels.....       | do.         | 720,030               | 179                           | 18            | .....   | .....    | .....         | .....     | 2             | .....          | 1              |

## MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

| Cities.                      | Week ended— | Estimated population. | Total deaths from all causes. | Deaths from—  |         |          |               |           |               |                |                |    |
|------------------------------|-------------|-----------------------|-------------------------------|---------------|---------|----------|---------------|-----------|---------------|----------------|----------------|----|
|                              |             |                       |                               | Tuberculosis. | Plague. | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Typhoid fever. | Scarlet fever. |    |
| Calcutta.....                | May 21      | 847,796               | 489                           | 33            | 78      | 58       |               |           |               |                | 1              |    |
| Chihuahua.....               | June 26     | 37,000                | 42                            |               |         |          |               |           |               |                | 27             |    |
| Cologne.....                 | June 18     | 512,896               | 149                           | 10            |         |          |               |           | 1             |                | 11             | 6  |
| Constantinople.....          | June 19     | 1,000,000             | 225                           | 26            |         |          |               |           | 2             | 1              | 2              |    |
| Copenhagen.....              | June 11     | 455,000               | 127                           | 13            |         |          |               |           |               | 2              |                |    |
| Dundee.....                  | June 25     | 170,206               | 64                            | 6             |         |          |               |           |               | 1              | 4              | 3  |
| Durango.....                 | June 26     | 75,000                | 79                            | 1             |         |          |               | 1         |               |                | 22             |    |
| Edinburgh.....               | June 18     | 360,276               | 72                            | 10            |         |          |               |           |               |                | 1              | 1  |
| Frankfort-on-the-Main.....   | do.....     | 406,000               | 103                           |               |         |          |               |           |               | 1              |                | 1  |
| Ghent.....                   | do.....     | 165,475               | 38                            | 4             |         |          |               |           |               | 1              |                | 1  |
| Glasgow.....                 | June 24     | 828,021               | 229                           |               |         |          |               |           | 2             |                | 5              | 5  |
| Guayaquil.....               | May 28      | 70,000                | 63                            | 8             |         |          | 4             |           | 2             |                |                | 1  |
| Do.....                      | June 4      |                       | 53                            | 11            |         |          | 5             |           | 2             |                |                |    |
| Hamburg.....                 | June 11     |                       | 55                            | 12            |         |          | 2             |           |               |                | 1              | 1  |
| Hull.....                    | do.....     | 895,804               | 278                           | 28            |         |          |               |           | 1             | 3              | 3              | 4  |
| Kingston.....                | do.....     | 280,006               | 55                            |               |         |          |               |           |               |                | 1              | 1  |
| Do.....                      | do.....     | 48,504                |                               |               |         |          |               |           | 2             |                |                |    |
| Kobe.....                    | June 12     | 387,915               | 151                           |               |         |          |               |           |               |                | 1              |    |
| Konigsberg.....              | do.....     | 244,200               | 96                            | 11            |         |          |               |           | 1             | 1              |                | 1  |
| Kurrachee.....               | June 4      | 130,000               | 90                            | 40            |         |          |               | 1         |               |                |                |    |
| La Guaira.....               | June 15     | 10,000                | 24                            | 1             |         |          |               |           | 3             |                |                |    |
| Leeds.....                   | June 25     | 490,985               | 117                           | 9             |         |          |               |           | 1             |                |                | 2  |
| Leipzig.....                 | June 18     | 500,329               | 122                           | 16            |         |          |               |           | 2             | 1              |                | 1  |
| Libau.....                   | June 12     | 90,000                |                               |               |         |          |               | 1         |               |                |                |    |
| Liverpool.....               | June 25     | 767,706               | 227                           | 16            |         |          |               |           | 2             |                | 8              | 11 |
| London.....                  | June 18     | 7,537,196             | 1,365                         |               |         |          |               |           | 1             | 4              | 14             | 52 |
| Londonderry.....             | do.....     | 43,477                | 9                             | 3             |         |          |               |           |               |                | 2              |    |
| Lubeck.....                  | June 19     | 97,000                |                               | 2             |         |          |               |           |               |                | 1              | 1  |
| Magdeburg.....               | June 11     | 278,045               | 98                            | 11            |         |          |               |           |               |                | 1              |    |
| Madras.....                  | June 3      | 550,000               | 376                           |               |         |          |               | 1         |               |                |                |    |
| Manaos.....                  | June 11     | 32,000                | 59                            | 3             |         |          | 2             |           |               |                | 1              |    |
| Manchester.....              | June 18     | 631,533               | 179                           | 18            |         |          |               |           | 1             | 2              | 6              | 10 |
| Matamoras.....               | June 26     | 8,000                 | 8                             | 2             |         |          |               |           |               |                |                | 1  |
| Mexico.....                  | June 4      | 500,000               | 377                           | 29            |         |          |               | 3         | 10            | 3              | 9              | 4  |
| Monterey.....                | June 26     | 100,000               | 86                            | 2             |         |          |               |           | 2             | 5              | 6              | 2  |
| Montreal.....                | July 2      | 530,000               | 240                           | 18            |         |          |               |           | 3             | 3              | 3              |    |
| Moscow.....                  | June 11     | 1,500,000             | 895                           | 76            |         |          |               | 6         | 3             | 7              | 15             | 19 |
| Munich.....                  | June 18     | 576,000               | 134                           | 28            |         |          |               |           | 1             | 2              | 1              |    |
| Naples.....                  | do.....     | 593,729               | 269                           |               |         |          |               | 1         |               |                |                |    |
| Newcastle-on-Tyne.....       | do.....     | 285,891               | 67                            | 10            |         |          |               |           |               | 1              | 1              | 2  |
| Do.....                      | June 25     |                       | 87                            | 14            |         |          |               |           |               | 1              | 1              | 2  |
| Niagara Falls, Ont.....      | June 14     | 10,000                | 6                             |               |         |          |               | 1         |               |                |                |    |
| Nottingham.....              | June 18     | 260,000               | 86                            |               |         |          |               |           |               | 1              | 1              | 2  |
| Nuremberg.....               | June 11     | 323,500               | 107                           | 11            |         |          |               |           |               | 1              | 4              | 2  |
| Para.....                    | June 18     | 185,000               | 90                            | 7             |         |          | 6             | 2         |               |                |                |    |
| Paris.....                   | do.....     | 2,776,394             | 824                           | 189           |         |          |               |           | 2             | 2              | 6              | 23 |
| Plymouth.....                | June 25     | 124,180               | 22                            |               |         |          |               |           |               | 1              |                |    |
| Port Elizabeth.....          | June 4      | 32,595                | 9                             | 1             |         |          |               |           |               | 1              |                |    |
| Prague.....                  | June 18     | 233,344               | 66                            | 17            |         |          |               |           |               | 1              |                | 2  |
| Rangoon.....                 | May 28      | 232,155               | 157                           | 10            | 30      | 2        | 8             |           |               |                |                |    |
| Rotterdam.....               | June 25     | 421,388               | 116                           |               |         |          |               |           |               |                |                |    |
| St. Johns.....               | do.....     | 31,000                |                               |               |         |          |               |           |               | 1              |                |    |
| St. Petersburg.....          | June 3      | 1,678,000             | 955                           | 124           |         |          |               |           | 12            | 13             | 21             | 9  |
| Do.....                      | June 11     |                       | 932                           | 112           |         |          |               |           | 19            | 1              | 17             | 79 |
| San Luis Potosi.....         | June 18     | 82,479                | 58                            | 3             |         |          |               |           |               | 1              |                | 2  |
| Santa Cruz de Teneriffe..... | do.....     | 46,000                | 24                            | 2             |         |          |               |           |               | 2              | 6              | 2  |
| Santiago de Cuba.....        | June 25     | 45,297                | 22                            | 1             |         |          |               |           |               | 1              |                |    |
| Santos.....                  | May 8       | 85,000                | 41                            | 3             |         |          |               | 1         |               |                |                |    |
| Do.....                      | May 22      |                       | 43                            | 1             |         |          |               | 3         |               |                | 2              |    |
| Do.....                      | May 29      |                       | 30                            | 5             |         |          |               | 2         |               | 1              |                | 5  |
| Sheffield.....               | June 18     | 472,000               | 83                            | 7             |         |          |               |           |               | 2              | 1              | 10 |
| Do.....                      | June 25     |                       | 110                           | 12            |         |          |               |           |               | 3              | 1              | 10 |
| Singapore.....               | May 21      | 271,000               | 238                           | 23            | 1       | 12       | 1             |           | 2             |                |                |    |
| South Shields.....           | June 18     | 119,737               | 26                            | 3             |         |          |               |           |               |                |                | 1  |
| Do.....                      | June 25     |                       | 36                            | 7             |         |          |               |           |               |                | 1              | 4  |
| Stettin.....                 | June 11     | 239,000               | 95                            | 7             |         |          |               |           | 1             | 1              |                | 1  |
| Stockholm.....               | June 4      | 341,816               | 95                            | 18            |         |          |               |           |               | 2              | 2              | 4  |
| Smyrna.....                  | Apr. 23     | 400,000               | 75                            | 18            |         |          |               |           |               | 1              | 1              | 1  |
| Do.....                      | Apr. 30     |                       | 81                            | 13            |         |          |               |           | 3             | 1              |                |    |

## MORTALITY—Continued.

## Weekly mortality table, foreign and insular cities—Continued.

| Cities.          | Week ended— | Estimated population. | Total deaths from all causes. | Deaths from—  |         |          |               |           |               |                |                |
|------------------|-------------|-----------------------|-------------------------------|---------------|---------|----------|---------------|-----------|---------------|----------------|----------------|
|                  |             |                       |                               | Tuberculosis. | Plague. | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Typhoid fever. | Scarlet fever. |
| Smyrna.....      | May 7       | 86                    | 18                            |               |         |          |               |           | 3             |                |                |
| Do.....          | May 14      | 66                    | 10                            |               |         |          |               |           | 2             |                |                |
| Do.....          | May 21      | 75                    | 14                            |               |         |          |               |           | 1             |                | 1              |
| Southampton..... | June 25     | 127,157               | 17                            | 1             |         |          |               |           |               | 1              |                |
| Tacahuanas.....  | May 25      | 28,000                |                               |               |         |          |               |           |               |                |                |
| Do.....          | June 4      |                       | 2                             |               |         |          |               |           |               |                | 2              |
| Trieste.....     | June 18     | 221,124               | 84                            |               |         |          |               |           | 1             |                | 1              |
| Valencia.....    | do.....     | 240,000               | 85                            | 9             |         |          |               |           | 1             |                | 2              |
| Vienna.....      | do.....     | 2,107,981             | 500                           | 106           |         |          |               |           | 4             |                | 23             |
| Vigo.....        | do.....     | 40,000                | 7                             | 1             |         |          | 1             |           |               |                | 1              |
| Vladivostok..... | Apr. 28     | 90,162                | 14                            | 1             |         |          |               |           | 1             |                |                |
| Do.....          | May 5       |                       | 11                            |               |         |          |               |           | 1             |                |                |
| Do.....          | May 13      |                       | 18                            | 4             |         |          |               |           | 3             |                | 2              |
| Do.....          | May 21      |                       | 14                            | 1             |         |          |               |           | 1             | 2              |                |
| Winnipeg.....    | July 2      | 135,000               | 22                            | 1             |         |          |               |           |               |                | 1              |
| Yokohama.....    | June 13     | 407,432               |                               |               |         |          |               |           | 1             |                |                |

## MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES (untabulated).

**AUSTRIA—Brünn.**—Month of April, 1910. Population 94,500. Total number of deaths from all causes 257, including typhoid fever 1, scarlet fever 2, diphtheria 4, tuberculosis 56.

**BERMUDA—Hamilton.**—Two weeks ended June 13, 1910. Population 20,206. Total number of deaths from all causes 8. No contagious diseases reported.

**FRANCE—Marseille.**—Month of May, 1910. Population 517,498. Total number of deaths from all causes 820, including typhoid fever 19, measles 17, scarlet fever 1, diphtheria 2, tuberculosis 138.

**Nice.**—Month of April, 1910. Population 150,881. Total number of deaths from all causes 261, including typhoid fever 3, tuberculosis 46.

**GREAT BRITAIN.**—Week ended June 11, 1910.

**England and Wales.**—The deaths registered in 77 great towns correspond to an annual rate of 11.4 per 1,000 of the population, which is estimated at 16,940,895.

**Ireland.**—The deaths registered in 21 principal town districts correspond to an annual rate of 17.8 per 1,000 of the population, which is estimated at 1,151,790. The lowest rate was recorded at Newry, viz, 4.2, and the highest at Sligo, viz, 48, per 1,000 of the population.

**Scotland.**—The deaths registered in 8 principal towns having an aggregate population of 1,891,936, correspond to an annual rate of 14.2 per 1,000 of the population. The lowest rate was recorded at

Aberdeen, viz, 9, and the highest at Perth, viz, 19.6. The total number of deaths from all causes was 514, including typhus fever 4, typhoid fever 1, measles 13, scarlet fever 5, diphtheria 5.

ITALY—*Milan*.—Period from May 16 to 31, 1910. Population, 900,000. Total number of deaths from all causes 85, including typhoid fever 12, measles 8, tuberculosis 62.

MAURITIUS—*Port Louis*.—Month of March, 1910. Population, 373,071. Total number of deaths from all causes 1,037, including typhoid fever 1, plague 4, tuberculosis 61.

ST. THOMAS.—Two weeks ended June 13, 1910. Population, 12,019. Total number of deaths from all causes 14, including typhoid fever 1, tuberculosis 1.

SPAIN—*Almeria*.—Month of May, 1910. Population, 50,910. Total number of deaths from all causes 155, including typhus fever 3, typhoid fever 8, measles 5, tuberculosis 4.

TAHITI.—Five weeks ended June 3, 1910. Population, 4,000. Total number of deaths from all causes 11. No deaths from contagious diseases.

TASMANIA—*Hobart*.—Month of April, 1910. Population, 186,860. Total number of deaths from all causes 173, including typhoid fever 5, tuberculosis 8.

By authority of the Secretary of the Treasury:

WALTER WYMAN,  
*Surgeon-General,*  
*United States Public Health and Marine-Hospital Service.*

